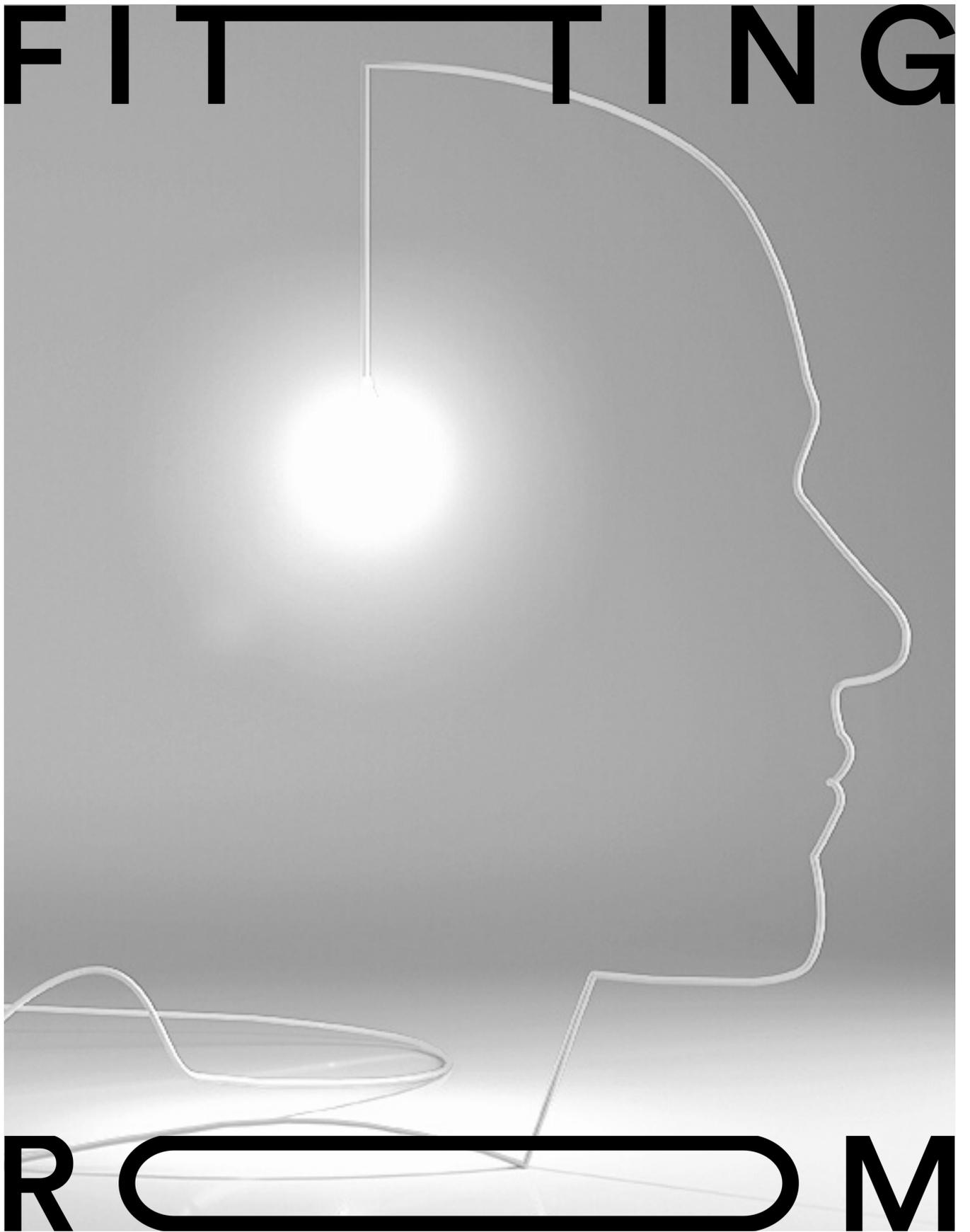


# FITTING



# R O M

# TECH STACK

## Foundation

### Coding Language(s)

Python is a programming language that lets you work quickly and integrate systems more effectively.

### JavaScript

JavaScript is the programming language of HTML and the Web.

### PHP

PHP is a server-side scripting language designed primarily for web development but also used as a general-purpose programming language. PHP originally stood for Personal Home Page, but it now stands for the recursive acronym PHP: Hypertext Preprocessor.

### Swift

Swift is a powerful and intuitive programming language for macOS, iOS, watchOS and tvOS. Writing Swift code is interactive and fun, the syntax is concise yet.

### Kotlin

Programming language for Android, mobile cross-platform and web development, server-side, native, and data science.

## Open source

### Project Type

### Api

### Desktop application

### Mobile App

A mobile app is a software application designed to run on mobile devices such as smartphones and tablet computers. Most such devices are sold with several apps bundled as pre-installed software, such as a web browser, email client, calendar, mapping program, and an app for buying music or other media or more

apps. Some pre-installed apps can be removed by an ordinary uninstall process, thus leaving more storage space for desired ones. Where the software does not allow this, some devices can be rooted to eliminate the undesired apps.

### Service-oriented architecture

A service-oriented architecture (SOA) is an architectural pattern in computer software design in which application components provide services to other components via a communications protocol, typically over a network.

### Web Application

In computing, a web application or web app is a client-server software application in which the client (or user interface) runs in a web browser. Common web applications include webmail, online retail sales, online auctions, wikis, instant messaging services and many other functions.

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# TECH STACK

## Stack Type

### Android

Android is a mobile operating system developed by Google, based on the Linux kernel and designed primarily for touchscreen mobile devices such as smartphones and tablets. Android's user interface is mainly based on direct manipulation, using touch gestures that loosely correspond to real-world actions, such as swiping, tapping and pinching, to manipulate on-screen objects, along with a virtual keyboard for text input. In addition to touchscreen devices, Google has further developed Android TV for televisions, Android Auto for cars, and Android Wear for wrist watches, each with a specialised user interface. Variants of Android are also used on notebooks, game consoles, digital cameras, and other electronics.

### iOS

iOS (formerly iPhone OS) is a mobile operating system created and developed by Apple Inc. exclusively for its hardware. It is the operating system that presently powers many of the company's mobile devices, including the iPhone, iPad, and iPod touch. It is the second most popular mobile operating system globally after Android by sales. iPad tablets are also the second most popular, by sales, against Android since 2013, when Android tablet sales increased by 127%.

### Open Source

In production and development, open source as a development model promotes universal access via a free license to a product's design or blueprint, and universal redistribution of that design or blueprint, including subsequent improvements to it by anyone.

## Technology Stack

### Front-End

#### CSS Frameworks

##### CSS3

Unlike CSS 2, which is a large single specification defining various features, CSS 3 is divided into several separate documents called "modules". Each module adds new capabilities or extends features defined in CSS 2, preserving backward compatibility. Work on CSS level 3 started around the time of publication of the original CSS 2 recommendation. The earliest CSS 3 drafts were published in June 1999.

### Sass

Sass (syntactically awesome stylesheets) is a style sheet language initially designed by Hampton Catlin and developed by Natalie Weizenbaum. After its initial versions, Weizenbaum and Chris Eppstein continued to extend Sass with SassScript, a simple scripting language used in Sass files.

### Font Scripts

#### Custom Font

#### Google Font API

Google Fonts is an interactive directory of free hosted application programming interfaces for web fonts.

### Graphing Library

#### Chart.js

You can download the latest version of Chart.js on GitHub or just use these Chart.js CDN links. If you download or clone the repository, you must run gulp build to generate the dist files. Chart.js no longer comes with prebuilt release versions, so an alternative option to downloading the repo is strongly advised.

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# TECH STACK

## Flot

Flot is a pure JavaScript plotting library for jQuery, with a focus on simple usage, attractive looks and interactive features.

## Icon Library

### Font Awesome

Font Awesome is a font and icon toolkit based on CSS and LESS. It was made by Dave Gandy for use with Twitter Bootstrap, and later was incorporated into the BootstrapCDN. Font Awesome has a 20% market share among those websites which use third-party Font Scripts on their platform, ranking it on a second place after Google Fonts. JavaScript Libraries

## JQuery

jQuery is a cross-platform JavaScript library designed to simplify the client-side scripting of HTML. jQuery is the most popular JavaScript library in use today, with installation on 65% of the top 10 million highest-trafficked sites on the Web.

## JQuery - Plugins

## Backbone

Backbone.js is a JavaScript framework with a RESTful JSON interface and is based on the model-view-presenter (MVP) application design paradigm. Backbone is known for being lightweight, as its only hard dependency is on one JavaScript library, Underscore.js, plus jQuery for use of the full library. It is designed for developing single-page web applications, and for keeping various parts of web applications (e.g. multiple clients and the server) synchronized. Backbone was created by Jeremy Ashkenas, who is also known for CoffeeScript and Underscore.js. jQuery Mobile jQuery Mobile is a touch-optimized web framework (also known as a mobile framework), more specifically a JavaScript library, currently being developed by the jQuery project team. The development focuses on creating a framework compatible with a wide variety of smartphones and tablet computers, made necessary by the growing but heterogeneous tablet and smartphone market. The jQuery Mobile framework is compatible with other mobile app frameworks and platforms such as PhoneGap, Worklight and more.

## Flot

Flot is a pure JavaScript plotting library for jQuery, with a focus on simple usage, attractive looks and interactive features.

## Maps

### Google Maps

Google Maps is a web mapping service developed by Google. It offers satellite imagery, street maps, 360° panoramic views of streets (Street View), real-time traffic conditions (Google Traffic), and route planning for traveling by foot, car, bicycle (in beta), or public transportation.

## Markup Language

### HTML5

HTML5 is a markup language used for structuring and presenting content on the World Wide Web. It is the fifth and current version of the HTML standard.

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# TECH STACK

## XHTML

Extensible Hypertext Markup Language (XHTML) is part of the family of XML markup languages. It mirrors or extends versions of the widely used Hypertext Markup Language (HTML), the language in which Web pages are formulated.

## Responsive Platforms

### Bootstrapping

In general parlance, bootstrapping usually refers to a self-starting process that is supposed to proceed without external input.

## jQuery Mobile

jQuery Mobile is a touch-optimized web framework (also known as a mobile framework), more specifically a JavaScript library, currently being developed by the jQuery project team.

The development focuses on creating a framework compatible with a wide variety of smartphones and tablet computers, made necessary by the growing but heterogeneous tablet and smartphone market.

The jQuery Mobile framework is compatible with other mobile app frameworks and platforms such as PhoneGap, Worklight and more.

## Video

FFMPG – A complete, cross platform solution to record, convert and stream audio and video.

360 VR player

Agora

JW Player

## Web & Application Analytics

Countly - Countly is the best analytics platform to understand and enhance customer journeys in web, desktop and mobile applications. We securely process billions of data points every day in the cloud and on-premises in order to help companies across the globe grow their business.

## Support Tools

Analysis-Design

API Design

Apiary

Apiary provides the leading API-First platform designed specifically to help companies accelerate and control the design, development, and documentation.

## Code Design

Draw.io

draw.io is free online diagram software for making flowcharts, process diagrams, org charts, UML, ER and network diagrams.

## FlowCharter

Grafx FlowCharter is the most full-featured, easy to use process modelling and analysis tool available to help organisations understand and improve business processes. iGrafx FlowCharter facilitates creating graphical representations of processes allowing people to easily comprehend business information.

## Graphical Design

Adobe Illustrator

Adobe Illustrator is a vector graphics editor developed and marketed by Adobe Systems. The latest version, Illustrator CC 2017, is the twenty-first generation in the product line.

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# TECH STACK

## Adobe InDesign

Adobe InDesign is a desktop publishing software application produced by Adobe Systems. It can be used to create works such as posters, flyers, brochures, magazines, newspapers, presentations, books and ebooks.

## Adobe Photoshop

Adobe Photoshop is a raster graphics editor developed and published by Adobe Systems for macOS and Windows.

## Sketch

Sketch is a proprietary vector graphics editor for Apple's macOS, developed by the Dutch company Bohemian Coding. It won an Apple Design Award in 2012. Sketch was first released on 7 September 2010.

## Mockups

### Adobe Illustrator

Adobe Illustrator is a vector graphics editor developed and marketed by Adobe Systems. The latest version, Illustrator CC 2017, is the twenty-first generation in the product line.

## Adobe Photoshop

Adobe Photoshop is a raster graphics editor developed and published by Adobe Systems for macOS and Windows.

## Figma

Figma is an interface design tool based on the browser. Design, prototype, and gather feedback all in one place.

## Sketch

Sketch is a proprietary vector graphics editor for Apple's macOS, developed by the Dutch company Bohemian Coding. It won an Apple Design Award in 2012. Sketch was first released on 7 September 2010.

## Wireframing

### InVision prototyping tools.

Upload your design files and add animations, gestures, and transitions to transform your static screens into clickable, interactive prototypes. "InVision is a window into everything that's being designed at Twitter.

## Sketch

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# TECH STACK

## Productivity

### Cloud Storage Integration

#### Amazon CloudFront

Amazon CloudFront is a global content delivery network (CDN) service that accelerates delivery of your websites, APIs, video content or other web assets. It integrates with other Amazon Web Services products to give developers and businesses an easy way to accelerate content to end users with no minimum usage commitments.

## System

### Amazon Elastic File

Amazon Elastic File System (Amazon EFS) provides simple, scalable file storage for use with Amazon EC2 instances in the AWS Cloud. Amazon EFS is easy to use and offers a simple interface that allows you to create and configure file systems quickly and easily. With Amazon EFS, storage capacity is elastic, growing and shrinking automatically as you add and remove files, so your applications have the storage they need, when they need it. When mounted on Amazon EC2 instances, an Amazon EFS file system provides a standard file system interface and file system access semantics, allowing you to seamlessly integrate Amazon EFS with your existing applications and tools. Multiple Amazon EC2 instances can access an Amazon EFS file system at the same time, allowing Amazon EFS to provide a common data source for workloads and applications running on more than one Amazon EC2 instance.

### Amazon S3

Amazon Simple Storage Service (Amazon S3) is object storage with a simple web service interface to store and retrieve any amount of data from anywhere on the web. It is designed to deliver 99.999999999% durability, and scale past trillions of objects worldwide. Customers use S3 as primary storage for cloud-native applications; as a bulk repository, or "data lake," for analytics; as a target for backup & recovery and disaster recovery; and with serverless computing. It's simple to move large volumes of data into or out of S3 with Amazon's cloud data migration options. Once data is stored in Amazon S3, it can be automatically tiered into lower cost, longer-term cloud storage classes like S3

Standard - Infrequent Access and Amazon Glacier for archiving.

### Digital Ocean

Development Servers – This is development cloud servers on PAYG.

### Dev Tools

#### Atlassian

#### FishEye

Visualize and report on activity and search for commits, files, revisions, or teammates across SVN, Git, Mercurial, CVS and Perforce.



# TECH STACK

## Documentation

### GitBook

GitBook helps your team write, collaborate and publish content online.

### ngDocs

Grunt plugin to create a documentation like AngularJS NOTE: this plugin requires Grunt 0.4.x

## Export Tools

### ReportLab

ReportLab is the time-proven, ultra-robust open-source engine for creating complex, data-driven PDF documents and custom vector graphics. It's free, open-source, and written in Python.

## Issue Trackers

### Bugzilla

Bugzilla is server software designed to help to manage a software development.

## Job Scheduler

### Celery

Celery is an asynchronous task queue/job queue based on distributed message passing. It is focused on real-time operation but supports scheduling as well.

## Project Management

### Asana

Asana is a web and mobile application designed to help teams track their work. It was founded in 2008 by Facebook co-founder Dustin Moskovitz and ex-engineer Justin Rosenstein, who both worked on improving the productivity of employees at Facebook.

Monday powers teams to run projects and workflows with confidence.

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# TECH STACK

## Source Code Control

### Git

Git is a version control system (VCS) for tracking changes in computer files and coordinating work on those files among multiple people. It is primarily used for software development, but it can be used to keep track of changes in any files. As a distributed revision control system it is aimed at speed, data integrity, and support for distributed, non-linear workflows.

## Source Code Hosting

### BitBucket

Bitbucket is a web-based hosting service for projects that use either the Mercurial (since launch) or Git (since October 2011) revision control systems. Bitbucket offers both commercial plans and free accounts. It offers free accounts with an unlimited number of private repositories (which can have up to five users in the case of (free accounts) as of September 2010, but by inviting three users to join Bitbucket, three more users can be added, for eight users in total. Bitbucket is written in Python using the Django web framework.

### GitHub

GitHub is a web-based Git repository hosting service. It offers all of the distributed version control and source code management (SCM) functionality of Git as well as adding its own features. It provides access control and several collaboration features such as bug tracking, feature requests, task management, and wikis for every project. GitHub offers both plans for private repositories, and free accounts which are commonly used to host open-source software projects. As of April 2016, GitHub reports having more than 14 million users and more than 35 million repositories, making it the largest host of source code in the world.

## Task Runner

### AWS Lambda

AWS Lambda lets you run code without provisioning or managing servers. You pay only for the compute time you consume - there is no charge when your code is not running. With Lambda, you can run code for virtually any type of application or backend service - all with zero administration. Just upload your code and Lambda takes care of everything required to run and scale your code with high availability. You can set up your code to automatically trigger from other AWS services or call it directly from any web or mobile app.

## Testing-QA

### Browser Testing

### Google Chrome

Google Chrome is a freeware web browser developed by Google.

It was first released in 2008, for Microsoft Windows, and was later ported to Linux, macOS, iOS and Android. Google Chrome is also the main component of Chrome OS, where it serves a platform for running web apps.

### Microsoft Edge

With the launch of Windows 10 comes Edge, Microsoft's new built-in browser that's meant to replace Internet Explorer.

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# TECH STACK

## Mozilla Firefox

Mozilla Firefox (or simply Firefox) is a free and open-source web browser developed by the Mozilla Foundation and its subsidiary, the Mozilla Corporation. Firefox is available for Windows, macOS and Linux operating systems, with its Firefox for Android available for Android (formerly Firefox for mobile, it also ran on the discontinued Firefox OS); where all of these versions use the Gecko layout engine to render web pages, which implements current and anticipated web standards. An additional version, Firefox for iOS, was released in late 2015, but this version doesn't use Gecko due to Apple's restrictions limiting third-party web browsers to the WebKit-based layout engine built into iOS.

## Safari

Safari is a web browser developed by Apple based on the WebKit engine. First released in 2003 with Mac OS X Panther, a mobile version has been included in iOS devices since the introduction of the iPhone in 2007. It is the default browser on Apple devices. A Windows version, now discontinued, was available from 2007 to 2012.

## AWS CodeCommit

AWS CodeCommit is a fully-managed source control service that makes it easy for companies to host secure and highly scalable private Git repositories. CodeCommit eliminates the need to operate your own source control system or worry about scaling its infrastructure. You can use CodeCommit to securely store anything from source code to binaries, and it works seamlessly with your existing Git tools.

## AWS CodeDeploy

AWS CodeDeploy is a service that automates code deployments to any instance, including Amazon EC2 instances and instances running on-premises. AWS CodeDeploy makes it easier for you to rapidly release new features, helps you avoid downtime during application deployment, and handles the complexity of updating your applications. You can use AWS CodeDeploy to automate software deployments, eliminating the need for error-prone manual operations, and the service scales with your infrastructure so you can easily deploy to one instance or thousands.

## AWS

### CodePipeline

AWS CodePipeline is a continuous integration and continuous delivery service for fast and reliable application and infrastructure updates. CodePipeline builds, tests, and deploys your code every time there is a code change, based on the release process models you define. This enables you to rapidly and reliably deliver features and updates. You can easily build out an end-to-end solution by using our pre-built plugins for popular third-party services like GitHub or integrating your own custom plugins into any stage of your release process. With AWS CodePipeline, you only pay for what you use. There are no upfront fees or long-term commitments.

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# TECH STACK

## Logging

Amazon Logging

## Unit Testing

### Xcode

Xcode is an integrated development environment containing a suite of software development tools developed by Apple for developing software for macOS, iOS, WatchOS and tvOS. First released in 2003, the latest stable release is version 8 and is available via the Mac App Store free of charge for OS X El Capitan and macOS Sierra users. Registered developers can download preview releases and prior versions of the suite through the Apple Developer website. However, Apple recently made a beta version of version 8.0 of the software available to those of the public with Apple Developer accounts.

## Ecommerce

Magento2 - Multi Vendor

## Marketplace

Magento2 - Modules (Various)

## Payment Solutions

Stripe - The new standards in Internet payments. Supports processing payments in 135 currencies.

Paypal - Global payments solution

## Apple pay

Native ios payment solution

## Gpay

Native android payment solution

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