Anuj Rajput

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Experience

Nineleaps Tech

Bengaluru, India - Remote
October 2020 - Present

Software Development Engineer III - iOS

- Currently learning: RxSwift and Combine
- Read and implemented Beginner and Advanced Design Patterns, Data Structures and Concurrency in Swift
- Followed and implemented Hacking with Swift - 100 Days of Swift and Hacking with Swift - 100 Days of SwiftUI
- Implemented a Journal App POC

Bubblin

Washington DC, United States - Remote
March, 2019 - September, 2020

Red Goose is a web to mobile app converter which is primarily targeted at startups and small businesses who want to have a presence on mobile platforms in addition to their existing web apps. It is a nifty tool to convert websites into mobile apps.

Product Engineer

- Researched on features most needed and requested by the users.
- Planned the architecture, user interface, and features of the app.
- Wrote test cases.
- Wrote source code template for iOS and Android app generator.
- Built a continuous delivery and integration system to automate the app upload and delivery to the clients.
- Built the website to showcase the products and services offered to the clients.
- Built the database schema for order management, users (customers) management and payment processes.
- Built backend REST API services for the form submissions using Node.js and MongoDB.
- Integrated with Stripe to accept payments in the backend and validation on the web frontend.
- Integrated with SendGrid to send transactional and marketing emails.
- Developed a delivery pipeline for pushing changes to the website using Docker and GitHub Actions.
- Installed and configured the web server to host the website on Ubuntu.
- Installed and configured Discourse forum app on a virtual machine using Docker.

- Created and installed SSL certificates to be applied on the website.

Technologies: Swift, Kotlin, JavaScript, Shell, MongoDB, HTML, CSS, Xcode, Android Studio, Visual Studio Code, Carthage, Gradle, Push Notifications, Node.js, Express, Stripe SDK, Fastlane, GitHub Actions, Docker

Wooplr Technologies

Bengaluru, India
August, 2017 - March, 2019

Wooplr App enabled the shop owners to open their online e-commerce store. Built on top of the e-commerce platform, it helped them to place orders on their customers' behalf, discover new products to sell on a regularly updated and curated feed of products and product collections, track their earnings, read and watch videos of helpful FAQs to learn about operating an online business. It was used by more than 10 million users.

Product Engineer
Product Management & Development

- *Earnings Framework*: Conceptualised and built a framework for seller earning commissions and rewards.
- *Social Sharing*: Conceptualised and developed a model for social sharing which increased the sharing and visibility of the products and catalogues by 600% and overall conversions by ~50%.
- *Communication*: Designed triggers and workflows for communication and content for Email, SMS and In-app messaging, Notifications for the sellers and the customers on the platform.
- *Help Center & Support*: Designed and developed help and support center workflows which listed frequently asked questions, videos and courses on topics related to operating an online business and a huge knowledge base of the product.
- UX Research & Design
  - Understanding business goals.
  - Empathising with the customer (sellers) and understanding their needs, ambitions and goals by conducting studies and customer interviews.
  - Identifying problems in their workflows.
  - UX Design
  - Designed user flows, lo-fi and mid-fi wireframes.

Mobile Engineering, iOS

- Designed and developed new features and user interfaces on existing e-commerce iOS App.
- Fixed issues in the existing codebase.
- Create classes, models and controllers for new features using MVC architecture.
- Maintained the Objective-C codebase.
- Upgraded the existing codebase to Swift.
- Wrote JIRA stories for new features and bug fixes.
- Planned architecture, features, release timelines and defining scope of the new social e-commerce app.
- Created detailed documentation and stories for the product including schematic diagrams, State machine diagrams, UML diagrams using Sketch and mockup tools.
- Defined UX flow and creates UI mockups and prototypes using Sketch.

- Developed and wrote source code to create classes and models for core functionality on iOS.
- Integrated e-commerce platform with social platform on iOS.
- Identified key behavioural events to be integrated on iOS, Android and Web frontend.
- Integrated RazorPay and Paytm payment gateways.
- Wrote continuous integration and deployment scripts.
- Deployed and published and the app on the AppStore.
- Released subsequent updates and maintained the app.

Technologies: Objective-C, Swift, Xcode, CoreData, Realm, Push Notifications, Universal and Deep Links, Firebase, Google Cloud, REST, JIRA, Fastlane, Jenkins

Vicinage Networks

New Delhi, India
August, 2016 - July, 2017

MYOLO was a community and event platform which helped users discover people with similar interests to create meaningful interactions and conversations. It also listed events based on specific interests. The application let users discover other users, chat with them, find new events happening around them, reserve and book tickets for events. Monthly active users were 20,000

Lead iOS Developer

- Planned architecture, features, release timelines and defined the scope of the app.
- Created detailed documentation and stories for the product including schematic diagrams for mobile development of the product.
- Developed and wrote source code to create classes and models for core functionality on iOS.
- Identified key behavioral events to be collected for data analysis and to be integrated in both iOS and Android apps and web frontend and backend.
- Integrated RazorPay and Paytm payment gateways.
- Integrated third party SDKs to enable integration between different social platforms like Google and Facebook
- Integrated socket connection with the chat web server application.
- Wrote continuous integration and deployment scripts to publish updates on the AppStore.
- Released updates and maintained the app.
- Deployed and published and the app on the AppStore.
- Designed, developed and delivered the iOS App from scratch.
- Helped the team understand the business by identifying the problems and coming up with solutions.

Technologies: Objective-C, Swift, Xcode, Location Tracking, Keychain, Universal Links, Realm, REST, Sockets, OAuth 2, JWT, Firebase, Fastlane

RoadCast Tech

New Delhi, India
November, 2015 - July, 2016

RoadCast App is a two-way tracking platform. Two or more users can connect with this application on their mobile device and allow instant access to their travel route shown through Google Maps making it easy to follow one's route.

Mobile Developer Consultant

- Planned architecture, features, release timelines and defining scope of the app.
- Refactored the existing codebase to refine the code quality.
- Developed the app to have an entirely new UI.
- Developed and wrote source code to create classes and models for core functionality on iOS.
- Wrote continuous integration and deployment scripts.
- Mentored iOS interns.
- Maintained the app and released subsequent updates.

Technologies: Objective-C, MVVM, Push Notifications, Real Time Navigation, Location Tracking, Universal Links, ReactiveCocoa, Realm, REST, Socket, Fastlane

Teamie

New Delhi, India & Singapore, Singapore
July, 2012 - July, 2016

Teamie is a Social Learning Platform that makes learning fun & collaborative, while helping teachers save their time, and providing real-time visibility to parents & school management. Teamie app enables educators, students, administrators and parents to collaborate on a single platform. Access classrooms, newsfeed, notifications on bulletin board, share thoughts or questions, interact socially on thoughts (Comment, Like / Echo), view lessons & quizzes, take photos & videos and share with the classroom.

Lead iOS Developer

- Planned architecture, features, release timelines and defining scope of the app.
- Created detailed documentation and stories for the product including schematic diagrams, State machine diagrams, UML diagrams using mockup tools.
- Developed and wrote source code to create classes and models for core functionality on iOS.
- Developed app extensions (Today extension, Watch extension) to extend the functionality beyond the standard application container.
- Integrated with third party SDKs including AWS, Active Directory, Office 365, Google Apps and many more.
- Integrated with SSO to login using different platforms.
- Built reusable frameworks and common libraries for use in different apps.
- Developed an open source API client framework in Objective-C based on the web REST API which can be used on iOS, macOS, tvOS or watchOS platforms.
- Developed and open source Login API Framework written in Objective-C which uses the Teamie API and presents a UI on iOS which authenticates the user and logs into the Teamie platform using OAuth 2 standard.
- Communicated with the backend teams to define the REST API contracts and requirements.
- Wrote continuous integration and deployment scripts

- Deployed and Published the app on the AppStore.

- Maintained the app and released subsequent updates.

- Mentored junior developers.

- Communicated with the client for certain projects to understand the requirements and expectations.

Technologies: Objective-C, MVVM, ReactiveCocoa, CoreData, Today Widget, Push Notifications, Keychain, Deep Links, Localization, Internationalization, REST, JSON, XML, OAuth2, AWS, Active Directory, Office365, Fastlane, Jenkins

Languages

Swift, Objective-C, JavaScript, C, C++

Education

Rajasthan Technical University, Kota
Bachelor of Technology, Computer Science
2008 - 2012

Internships

Accentium Web

Gurgaon, India
Jul 2011 - Aug 2011

Backend Engineer Intern

- Worked with the backend team and the content team in order to create functionality, using the existing APIs to control the web frontend newsfeed on taaza.com, which placed the stories on user's newsfeed based on the weight, context, personal recommendation and a lot of different user parameters.

- Worked on search filter engine for Gaadi.com, which was an online new car and used car marketplace.

Technologies: CentOS, PHP, MySQL, JavaScript