

Ritesh Kadmawala

Experienced Full Stack Engineering Lead

Full stack software developer with experience across the stack (Backend, Frontend, Mobile, Devops and Machine Learning). 7+ Years of experience managing and leading distributed remote engineering teams.

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SKILLS



WORK EXPERIENCE

VP Engineering

Invideo

05/2020 - Present

Remote

Video Creation and Editing Platform (<https://invideo.io>)

Achievements/Tasks

- Leading a team of 20 + engineers across multiple teams.
- Revamped our devops and infrastructure (automation using jenkins + terraform, monitoring, logging and error tracking).
- Setup hiring process, release process, documentation as well as a stringent code review process.
- Lead multiple high impact projects - including (personalization, analytics, audio editing , UI/UX revamp).

Team Lead (Risk and Security Team)

Xapo

01/2018 - 12/2019

Remote

Achievements/Tasks

- Lead and own the entire risk and fraud detection team at Xapo. Responsible for all architectural and design decisions for the product. Redesigned and rebuilt the complete fraud detection system from scratch involving 8 microservices. Led to order of magnitude improvement in performance (Avg of < 3 seconds as compared to ~ 5 mins earlier) as well strong error tolerance.
- Designed an architecture for a Proof of Reserves system built using Merkle tree on bitcoin blockchain.
- Reduced false positives by 50% by conceptualising and development of new ML based fraud detection Engine.

Cofounder and CTO

Loanzen

08/2015 - 12/2017

Remote

An innovative fin-tech venture focussed on lending to SME sector using technology

Achievements/Tasks

- Conceptualized and led development of multiple innovative digital lending products with fast turn around times.
- Hired and built the entire engineering team. Set an engineering culture focused on autonomy, openness, transparency, critical thinking and getting things done. Also ensured best coding practices and strong culture of code reviews.
- Designed an in-house workflow for project management and development inspired by Basecamp.
- Built a complete automated CI/CD workflow for our react native mobile application using fastlane. The pipeline used to actually deploy the app using microsoft codepush technology.
- Led development of an innovative continuous credit monitoring platform. The platform consisted of an android app that collected transactional SMS from our customers phone with minimum impact on the battery. Also led to a development of an inhouse hierarchical ML model that helped us to classify SMS into different categories which fed into our credit model.

WORK EXPERIENCE

Voxapp

Cofounder and CTO

01/2013 - 05/2015

Remote

An enterprise grade SaaS platform to conduct marketing Research Surveys.

Achievements/Tasks

- Built and led a team of remote engineers ensuring high code quality, best coding practices and strong culture of code reviews.
- Built an hybrid survey app (phonegap) that was packaged as android app, chrome desktop app as well as served as webapp. The survey app also supported server side rendering of questions for feature phones.
- Designed tooling that allowed us to update our survey apps without needing update of the entire android app.
- Led the development of our entire survey platform (both backend and frontend) that allowed wide variety of question types and customizations. It also supported adding complex logic using javascript, as well as supported multiple languages.

PERSONAL PROJECTS

Pirlo (<https://pirlo.io>) (05/2019 - 12/2019)

- Built out a complete no code functional testing platform for mobile applications.
- Designed an innovative mobile app that allows customers to create test cases just by manually testing the app once on their device.
- Designed a test engine that can run the generated tests on different cloud providers with intelligent timeout handling, error handling and retry capabilities.
- Conducted a lot of customer interviews to understand customer pain points. Also performed some sales call to sell the product.

Malvo (10/2017 - 12/2017)

- Built a complete solution (javascript library, earning calculator, mining pool) that allowed publishers to use crypto mining on user's browser instead of intrusive ads. Launched this solution with few publishers.
- Worked on building an SDK that could allow mobile developers to mine monero in the background instead of using ads.

BitEmail (08/2017 - 10/2017)

- An Anti spam Dapp using ethereum smart contracts to help people receive ethereum for reading emails from unknown senders

EDUCATION

MS Computer Science

University of Southern California, Los Angeles

08/2008 - 05/2010

Los Angeles