Vivek Vikani

Senior Software Engineer and Project Lead

Senior Software Engineer with a background in developing large scale applications keeping latency, reliability, and usability in mind. Interested in bringing product visions to life and contributing to all stages of SDLC. Strong technical ability and a motivation to achieve results in a fast-paced environment.

WORK EXPERIENCE

Senior Software Engineer, Rakuten Card (Apr' 2018 - Present)

Conceptualize and Build horizontal products spanning multiple Rakuten Fintech services using technologies like Blockchain.

- Led **feasibility testing** of various **Blockchain frameworks** using POCs and analyzed various use cases for Fintech services
- Worked with the **senior leadership** to chart a vision for and **develop a resilient blockchain based platform** to gather user's transaction information from various Fintech services
- Determined the priorities of various stakeholders to **generate formal system requirements** and detailed project schedule
- Spearheaded the design and **development** of the **Blockchain network using Hyperledger Fabric framework**, and deployed on Baremetal servers using Docker and Docker Swarm
- **Managed project tasks** using **JIRA**, responded to issues and changes, and presented a **weekly progress report** to the senior management
- **Mentored and Guided** 2 members to design and develop features
- Conducted thorough testing to **improve the quality, resilience and performance** using tools like Jmeter
- Oversaw **deployment to production** using Docker Swarm and Jenkins

Software Engineer, Rakuten Pay (Oct' 2016 - Mar' 2018)

Built RESTful APIs for Rakuten's mobile payment service.

- Designed and developed extensible and reusable APIs to **send push notifications to user and merchant** iOS/Android apps by using appropriate design patterns
- Person-in-charge for a project to **develop scalable and configurable APIs** to handle large volumes of transactional data from merchants. Responsible for verifying API design details, source code review and acceptance testing

Freelance Android Developer (Jan' 2014 - Sept' 2016)

Strategized, Designed and Developed Android Apps for niche markets.

- **Reduced the time required** to do complex business calculations for Cotton Gin Owners in India by **90%** by releasing an Android app that is easy to use and can run on budget android phones with unstable internet access (link)
- Worked with multiple clients to **bring their product visions to life** by conceptualizing and developing android applications in many verticals like ebook distribution, customer management and ecommerce

Tokyo, Japan
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LinkedIn

SKILLS

Languages/Libraries:

Java, Kotlin, Bash, SQL

Tools/Frameworks:

Spring Boot, Restful APIs, GraphQL, Hyperledger Fabric, Multichain, Docker, Docker Swarm, Redis, Kafka, Apache Geode, JIRA

PUBLICATIONS

Survey of unsupervised machine learning algorithms on precision agricultural data, in ICIIECS (Innovations in Information, Embedded and Communication Systems), 2015 International Conference on (pp. 1-8). IEEE

LANGUAGES

English - Full Professional Proficiency
Japanese - Elementary Proficiency
Hindi - Native
Gujarati - Native

EDUCATION

Bachelors in Information Technology, NMIMS University, Mumbai, India (Aug' 2012 - May' 2016)