Rajendra Satpute

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A technology agnostic full stack developer with 10+ years of industry experience.

Skills

Languages - Java, JavaScript & TypeScript, Go, Python

Frameworks - Spring boot, React, React Native

Others - SQL, AWS, Microservices, Single page applications, Cross platform mobile apps, Micro-frontends, Unit testing, TDD, Pair programming, CI/CD

Experience

Thoughtworks, *Pune* - Full Stack Developer   Nov 2021 - Present   [2y5m+]

Tech stack - Java, SpringBoot, React, React Native, AWS Lambda, S3, NodeJS, TypeScript, GoLang, SQL, DMN

- Currently working on revenue management system in hospitality domain using Spring framework.
- Engineered a high-performance **decision engine** with Spring Boot & DMN for **fraud detection** in the insurance claims, achieving **sub-second response times**.
- Implemented an **ecommerce web app** with React & Spring Boot, for a heavy machinery manufacturer company where customers can search, view details & purchase machine parts.
- Led & implemented solutions for 10+ features in the **retail loyalty mobile app** using React Native, AWS Lambda. Addressed complex legal & business requirements with detailed system design. Boosted Play Store rating for the app from **2.2 to 4.6**. Addressed multiple tech debts, reducing app crash rate by **10X** and AWS costs by 10+%.
- Implemented a **retail banking web app & mobile app** for an Indian bank with React, React Native & GoLang. Enhanced the app's initial login performance by **over 50%** with preemptive caching in backend using Kafka & Redis.

CoffeeBeans Consulting, *Bangalore* - Full Stack Developer   May 2019 - Nov 2021   [2y6m]

Tech stack - React, JavaScript, Python

- Contributed to in-house products in the startup, and then worked as a contractor in Thoughtworks from Nov 2019 till Nov 2021 as part of consulting.
- Contributed to product inception and implemented a **recruitment portal** with React, aiming to provide **3X recruiter productivity**, and reduce hiring time.

GE Healthcare, *Bangalore* - Data Engineer   Jul 2016 - May 2019   [2y11m]

Tech stack - Java, Apache Spark, S3, Python, Jenkins, C, JAX-RS, HTML, CSS, JavaScript, SQL

- Worked on Big Data platform, Full Stack Web App & Firmware in research facility of GE Healthcare.
- Spearheaded data platform's **inner source framework** & **automated data parser** implementation with Apache Spark, Python & Jenkins, which **reduced release SLA period by around 50%** and **automated 80% of data processing**.
- Implemented a **DICOM viewer** for headless system, which **increased developer productivity** in the image reconstruction engine.
- Researched on the use of Blockchain in patient data.

TCS, *Pune* - Systems Engineer   Mar 2012 - Nov 2014   [2y8m]

Tech stack - Java, Sabre Qik, HTML, CSS

- Started my career with desktop app UI development, and later took interest in Java development.
- Implemented generic UI components with Sabre Qik, HTML & CSS which were used by 50+ UI developers.

Education & Certifications

Basics of Data Analytics - *CCE, IISc, Bangalore*   Jun 2018 - Dec 2018

AWS Technical Essentials - *AWS Training*   Sept 2018

Master of Technology (Software Engg) - *VJTI, University of Mumbai*   Aug 2014 - Aug 2016

Bachelor of Engineering (Computer Engg) - *University of Pune*   Aug 2007 - Aug 2011