

# Rajendra Satpute

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A technology agnostic full stack developer with 10.5+ years of industry experience.



## Skills

- Frontend** - React, React Native, Single page applications, Cross platform mobile apps, Micro-frontends
- Backend** - Spring boot, Node.js, AWS Lambda, REST APIs, Microservices, Serverless
- Languages** - Java, JavaScript, TypeScript, Go, Python
- Others** - SQL, AWS, Unit testing, TDD, Pair programming, CI/CD, Docker

## Experience

### Thoughtworks, Pune - Full Stack Developer

Nov 2021 - Present [2y7m+]

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

- Working on revenue management system in hospitality domain using Spring framework, which optimizes hotel room rates & bookings.
- 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, XML, XSD, 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

**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

## Certifications & Trainings

**Basics of Data Analytics** - *CCE, IISc, Bangalore*

Jun 2018 - Dec 2018

**Big Data on AWS** - *AWS Training*

Sept 2018

**AWS Technical Essentials** - *AWS Training*

Sept 2018

## Project summary

Sr	Project or Domain	Delivery	Role	Duration	Organization	Skills
1	Hospitality domain	Revenue management system	Lead & developer	Since Jan 2024	Thoughtworks	Java, Spring framework, SQL, Docker, Angular
2	Insurance domain	Decision engine	Lead & developer	0.8 year	Thoughtworks	Java, Spring boot, DMN, BPMN, GraphQL
3	E-commerce domain	Web app	Full stack developer	0.5 year	Thoughtworks	Java, Spring boot, React, TypeScript, Docker
4	Retail loyalty domain	Mobile app	Lead & developer	2 years	Thoughtworks	React Native, TypeScript, AWS Lambda with NodeJS, S3, DynamoDB, Cloudwatch, SNS
5	Banking domain	Web app & Mobile app	Full stack developer	1 year	Thoughtworks	React, React Native, TypeScript, GoLang, Kafka, Redis, Docker
6	Recruitment domain	Web app	UI developer	0.6 year	CoffeeBeans Consulting	React, Python, JavaScript
7	Data lake	Data Platform	Data engineer	1.7 years	GE Healthcare	Java, Apache Spark, Hive, Hbase, GPDB, Postgres, Python, Jenkins
8	Fetal Monitor	Firmware	Developer	0.6 year	GE Healthcare	C
9	Web DICOM Viewer	Web app	Developer	0.8 year	GE Healthcare	Java, JAX-RS, JSTL, HTML, CSS, JavaScript
10	Customer Loyalty Program	Backend	Developer	0.5 year	TCS	Java, XSD
11	Airline Customer Management portal	Desktop app	UI Developer	1.7 years	TCS	Sabre Qik, HTML, CSS