

# Rajendra Satpute

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## Summary

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- Tech lead & a full stack developer with 10+ years of total experience.
- Building web apps and mobile apps, anchoring both front-end and back-end development.
- Experience working on research projects and transitioning proof of concepts into fully operational apps.

## Skills

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**Front-end** - React, React Native, HTML, CSS, Flutter  
**Back-end** - Spring boot, Node.js, AWS Lambda  
**Languages** - Java, Javascript, TypeScript, Python, GoLang, Dart

## Experience

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### Thoughtworks, *Pune* - Full Stack Developer

Nov 2021 - Present

- Engaged in early client interactions, secured the project through a successful Proof of Concept, and currently leading the delivery of the decision engine in insurance domain.
- Led the team of 9+ developers to build a retail loyalty mobile app, delivering over 10 features across more than 6 releases on the Play Store and App Store. Additionally, led multiple feature inceptions.
- Delivered the solutions for complex legal compliance issues in the app, and avoided regulatory actions.
- Increased availability of the app by reducing app crash rate from more than 1% to less than 0.1%.
- Reduced AWS cost by 10+ % with provisional concurrency & other optimizations.
- Sharing knowledge through blogging & public speaking in tech events.

### CoffeeBeans Consulting, *Bangalore* - Full Stack Developer

May 2019 - Nov 2021

- Started as a Data Engineer, but pursued interest in full-stack development. Worked in Thoughtworks from Nov 2019 till Nov 2021 as a contractor.
- Contributed to product inception and implemented a recruitment portal aiming to assist India's top 500 companies in filtering and selecting the best-suited candidates, reducing hiring time.
- Improved performance of the app's initial login by more than 50% using preemptive caching in back-end.
- Improved Play Store rating for the mobile app from 2.2 to 4.6 using Apptentive.

### GE Healthcare, *Bangalore* - Data Engineer

Jul 2016 - May 2019

- Worked on Big Data platform, Full Stack Web App & Firmware in research facility of GE Healthcare.
- Implemented automated data parser which reduced time for a specific data parser by almost 6 months.
- Spearheaded the inner source framework for data platform, which saved more than 6 months for consumer teams, as they did not need to wait for data platform team to implement data parser for them.
- Implemented a DICOM viewer for headless system, which increased development speed for the image reconstruction engine.
- Researched on the use of Blockchain in patient data.

### TCS, *Pune* - Systems Engineer

Mar 2012 - Nov 2014

- Started my career with desktop app UI development, and later took interest in Java development.
- Implemented generic UI components which could be used by 50+ UI developers.

## Education

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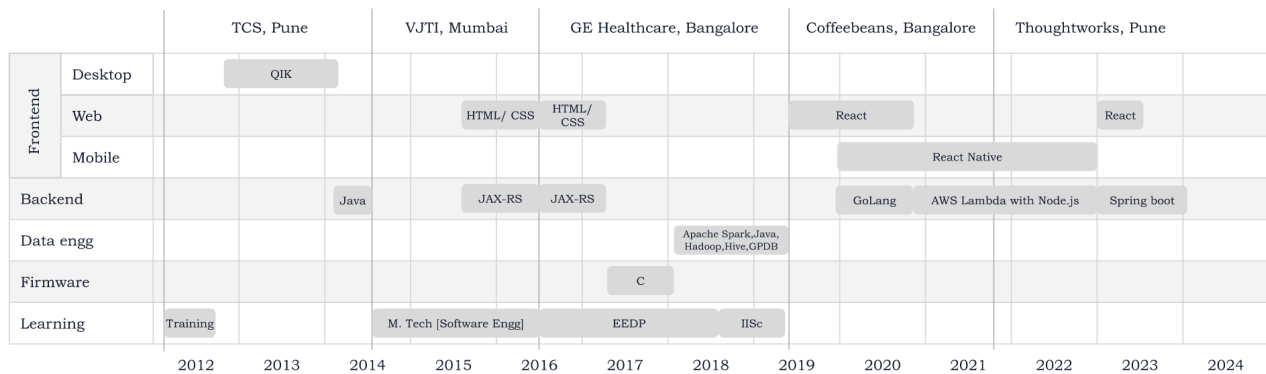
**Master of Technology (Software Engg)** - *VJTI, Mumbai*

Aug 2014 - Aug 2016

**Bachelor of Engineering (Computer Engg)** - *University of Pune*

Aug 2007 - Aug 2011

## Tech summary



## Project summary

Project or Domain	Delivery	Role	Duration	Organization	Skills
Insurance domain	Decision Engine	Lead & developer	Since June 2023	Thoughtworks	Java, Spring boot, DMN, Kogito, GraphQL
E-commerce domain	Web app	Full stack developer	5 months	Thoughtworks	Java, Spring boot, React, TypeScript, Docker
Retail loyalty domain	Mobile app	Lead & developer	24 months	Thoughtworks	React Native, TypeScript, AWS Lambda with NodeJS, S3, DynamoDB, Cloudwatch, Parameter Store, SNS, LocalStack
Banking domain	Web app & Mobile app	Full stack developer	11 months	Thoughtworks	React, React Native, TypeScript, GoLang, Kafka, Redis, Docker
Recruitment domain	Web app	UI developer	6 months	CoffeeBeans Consulting	React, Python, JavaScript
Data lake	Data Platform	Data engineer	19 months	GE Healthcare	Java, Python, Apache Spark, Hive, Hbase, GPDB, Postgres, Jenkins
Fetal Monitor	Firmware	Developer	6 months	GE Healthcare	C
Incubator	Mobile app	Developer	2 months	GE Healthcare	HTML, CSS, JavaScript, Cordova
Web DICOM Viewer	Web app	Developer	8 months	GE Healthcare	Java, JAX-RS, JSTL, HTML, CSS, JavaScript
Customer Loyalty Program	Backend	Developer	5 months	TCS	Java
Airline Customer Management portal	Desktop app	UI Developer	17 months	TCS	Sabre Qik, HTML, CSS