

Yashraj Agarwal

Location - Pune, Maharashtra, India

Full Stack Engineer

Email - yashrajagarwal81@gmail.com | 9140275654

[GitHub](#) | [Portfolio](#) | [Linkedin](#)

Dynamic Full Stack Engineer with expertise in **Spring Boot** and **React**, enhancing **UI/UX** and system efficiency by innovative solutions and **robust testing** methodologies.

Experience

Software Engineer

December 2022-

Present

Michelin

Pune, India

- FullStack Engineer in CRM Team, developing customer portal features with **React**, **Spring Boot** and **Jest** in **TDD**.. Maintained **>90%** test coverage, ported legacy application using **Firebase**, **Redux** for state management. Reduced app load times by **50%** with **Lazy Loading** routing. Implemented **Cypress** Automation for multiple components, elevating End-to-end coverage from **0** to **70%**.
- Implemented RestAPIs in **Java** and created service leveraging **AWS Lambda** and **DynamoDB** to enable users to retrieve structured data from databases in **PDF/Word** format. Implemented APIs and services, ensuring seamless hosting and scalability within the **AWS Server less** architecture.
- Utilised **RESTful API** techniques to facilitate front-end to back-end communication, improving data consistency by **50%**. Assisted in front-end debugging tasks in **React** for the main web application, increasing site uptime by **25%**. Created **Redux** middleware to reduce **API** response time, enhancing user experience with **15%** faster page loading.

Full Stack Developer (Startup Experience)

September 2024 - Present

WebMuffin

- Developed scalable and reusable **UI** components using **React.js** and **ES6+**.
- **Optimised** website's performance for mobile devices, decreasing **buffering** time by **35%**.
- Contributed to development of responsive web design methodologies, which reduced bounce rate by **25%**.

Software Engineer

July 2022 - November 2022

Bajaj Finance Limited

Pune - India

- Optimised system components using **Spring Boot** and **React.js** which improved speed by **45%**.
- Deployed backend APIs using **Spring Boot**, resulting in better interoperability among nodes and a **25%** increase in data processing speed.

SKILLS

Languages: Java, Python, TypeScript, HTML, CSS

Frameworks: Spring Boot , React, NestJS, Django

Infrastructure: Docker, AWS Serverless, Firebase

Databases: MongoDB, MySQL

SDLC: Git, GitHub Actions,

EDUCATION

Vellore Institute of Technology

Bachelor of Engineering in Computer Science **CGPA - 8.5**

Vellore, Tamil Nadu

July 2018 - June 2022