

Ayush Dubey

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EDUCATION

Rajiv Gandhi Institute of Technology | Bachelor of Engineering | 8/10 CGPA

2018-2022

SKILLS

Java, React JS, Angular, Javascript, Agile, Spring Boot, Spring Framework, Hibernate, SQL, Agile, CI/CD
Jenkins-SonarQube, AWS-Kafka, microservices, REST API, System Design

EXPIERENCE

Senior Analyst, Capgemini

Aug 2022-present

PLEIADE Project, *manufacturing and supply chain domain*

- Partnered with Stellantis, actively engaged in client interactions as a Java Full Stack Developer. Integral member of a high-performing, 9-person agile team, tackling complex code scenarios to ensure functional integrity.
- Introduced pre-demos to testers by developers, reducing QA defects by **up to 80%**.
- Developed applications using Spring Boot, Jenkins-SonarQube, and collaborated on frontend development with Angular, enforcing standardized coding practices and conducting thorough code reviews.
- **Improved code performance efficiency by 50%** through optimized coding algorithms and structure.

PRIS Project, *manufacturing and supply chain domain*

- Partnered with MBRDI as an integral member of a 25-person team, leading scrum calls from a frontend perspective. Worked on a full stack framework while maintaining customer-client relationships, ensuring deliverables were completed in two-week sprints.
- Implemented event driven architecture with Kafka and RabbitMQ.
- Facilitated Sprint Planning, daily scrums, demos, sprint reviews, and retrospectives, fostering rapid feedback and enabling the delivery of high-impact user stories.
- Identified project risk, evaluated the current coding architecture, and proposed a new design.

Software developer Intern, Positive Quadrant

Aug 2021-Dec 2021

- Analysed Projects and its technicalities. Worked in Agile sprint Cycle. Developed code for business and their requirements and collaborated closely with them for functionality.
- Led optimizations initiatives for a React application, significant enhancing both performance and Search Engine optimization effectiveness. Successfully implemented server-side rendering, resulting in application performance improvement. Additionally, elevated the application **SEO score to 82%**, driving visibility and user Engagement.
- Executed and wrote test cases and made sure high quality product was shipped. [Link](#).

PROJECTS

Mini Games & Therapeutic(Self healing App) : Developed an app using JavaScript technology that combines therapeutic sessions with a variety of engaging mini-games. [Link](#)

E-Commerce: Built an e-commerce application using the JavaScript framework ReactJS, Spring Boot, and PostgreSQL. It features a Spring Boot REST API backend and a React frontend, with PostgreSQL as the database. The application leverages Dijkstra's Algorithm to optimize the shortest and fastest delivery routes. **It has reduced latency and increased performance compared to other e-commerce firms.** [Link](#)

EventNest: Developed an application using ReactJS, Spring Boot, and PostgreSQL. It features a user-friendly interface designed with diverse perspectives in mind. Organizers can easily add, update, and delete events. The app also integrates with Formsfree API for email and feedback purposes. Unlike other apps, it boasts superior performance and incorporates a shimmer UI for a smooth experience. [Link](#)

Bank Sign Verification: A conceptual model to detect and verify signatures on bank cheques. We devised an OCR based approach to localize signatures along with Connected Components, Linesweep algorithm & geometric features with Support Vector Machine (SVM), Artificial Neural Networks (ANN) classification to verify the authenticity of signatures with a 91% hit rate. [Link](#)

Extra Curricular Activities

- **Volunteer** at Vidya(NGO): Volunteered as a teacher for a sum total of 80hrs.
- **Represented college** as a midfielder in Football at numerous events, finished 2nd in Malang, Sportstournament hosted by KJ Somaiya, youngest player in college to do so.
- Coordinated 15+ media groups including media groups, newspapers, television channels and magazine.
- Organized and managed a key event as apart of tech fest with more than 6000+ people.
- Key courses undertaken from Udemy to polish my front-end skills, mainly Javascript, ReactJS, HTML5, CSSand a bit of angular.