

Anubhav Singh Guleria

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Experience (1 Year 9 Months)

Jul 2022 - Present

Tavant Technologies - Software Engineer

- Developed Java-based features that automatically identified and addressed anomalies in borrowers' financial information, tailoring the solution to the specific needs of different lending vendors.
- Repaired and remodelled the Angular-based dashboard, providing clear insights into processed data, including key metrics and analytics.
- Implemented mechanisms to automate loan file analysis, eligibility verification, and income detail identification to streamline the loan approval process.
- Integrated third-party Optical Character Recognition (OCR) services, enhancing the document processing capabilities of the application.
- Leveraged Redis and Kafka to enable real-time data handling and improve overall system performance.
- Spearheaded the design and implementation of REST APIs, controllers, and services with Spring Boot, enhancing data exchange and intercommunication.
- Engineered and maintained cron job schedulers to routinely clear databases with PostgreSQL, optimizing space and enhancing system efficiency.

Projects

Hacker Rank Contest Like Backend

[Link](#)

- Developed a comprehensive JukeBox application from scratch, leveraging Java and employing object-oriented design principles to create a modular, extensible, and highly testable solution.
- Designed and implemented a Hackerrank-like contest framework, applying design patterns to create a scalable and maintainable system for running simulated coding challenges.
- Implemented the controller layer and all required commands for both application, following test-driven development practices to ensure code quality and comprehensive test coverage.

AG Labs

[Link](#)

- Developed a whiteboard application from scratch, implementing a toolbar with text, shapes, sticky notes, and pencil tools, as well as layering functionality and a colouring system.
- Incorporated undo and redo functionality, keyboard shortcuts, real-time collaboration capabilities, and a real-time database to ensure a seamless and interactive user experience.
- Leveraged React, Next.js 14, Convex for database, and Live-Blocks for real-time collaboration to create a feature-rich, visually appealing, and highly performant whiteboard application.

Skills

Programming **Java, Spring Boot**, SQL, C++, Git, Angular, Typescript

Education

8.71/10 **BTech in Computer Engineering**, Vellore Institute of Technology | Tamil Nadu, India

May 2018- Jul 22