

TEJASWI KUMAR

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Education

B.E In Computer Science

SJB Institute Of Technology (VTU). (Cgpa-8.34/10)

Aug 2017 – Jul 2021

Bengaluru.

Work Experience

Software Engineer. | BNP Paribas (13/01/2025 – Present)

Task- Developed RESTful APIs using **Spring Boot** for a transaction profile system.

Implemented **secure and scalable backend services** to handle financial transactions.

Designed and developed UI components using **Angular** for an interactive user experience.

Ensuring **seamless integration** between the backend and frontend.

Implemented **error handling and logging mechanisms** for better application monitoring.

Participating in **Agile methodologies** including daily standups and sprint planning.

Automated deployment pipelines using **Jenkins**, integrating with **Docker**, **Kubernetes**, **Helm**, and **Argo CD** for seamless CI/CD workflows.

Senior Software Engineer. | LTIMindtree (29/11/2021 – 28/12/2024)

Task- Designed **database schema** for the software requirements specification by pinpointing essential entities, structuring relationships, upholding data integrity, and optimizing through normalization to avoid redundancy.

Developed **RESTful APIs** for seamless integration between the front-end and back-end, optimizing data flow and reducing latency.

Built a fully responsive front-end for the application using **Vue.js(Quasar)**, ensuring every page and component adapts seamlessly to different screen sizes.

Successfully **integrated** the back-end and front-end by employing **Java and Spring Boot** for backend services and utilizing **Vue.js(Quasar)** for front-end development.

Leveraged **Redis** caching to improve performance and reduce query execution time by **30%**.

Analyzed and implemented **indexing** on SQL tables, optimizing query response times to $O(\log n)$.

Utilized **Apache ECharts** to create dynamic and engaging dashboard visualizations.

Performed application testing using **JUnit** and **Mockito**.

Worked on the **deployment** of applications to various environments (e.g. **staging, production**).

Enhanced application features and delivered **client support** by addressing issues, implementing fixes.

Implemented **Single Sign-On** using **Keycloak** and **Azure AD** to enhance user **authentication** and **authorization** across multiple applications.

Participated in daily stand-up meetings and sprint planning to ensure timely project delivery.

Graduate Engineer Trainee. | LTIMindtree (31/08/2021 – 28/11/2021)

Task- Trained on Various technology during training like **Java, Jsp, Servlet, Mysql, Powershell, Networking etc.**

Developed a **vaccination portal** using **Jsp & Servlet, JDBC, HTML, CSS, Bootstrap**.

Technical Skills

- Java
- Microservices
- Angular
- Spring Boot
- MySQL/Oracle
- Data Structure
- Hibernate
- Vue.js
- JavaScript

Projects

Quiz Portal

- Designed and implemented the application using **Java, Spring Boot, Angular, Material UI, Hibernate, and MySQL**.
- Implemented a role-centric user **authentication and authorization system**, utilizing a methodology based on **JWT**.
- Implemented a diverse array of functionalities, encompassing the creation and management of **quizzes, question administration, quiz timing controls**, and extensive dashboards tailored for both **users and admins**.

Contact Manager

- Designed and implemented a full-stack contact manager application using **Java, Spring Boot, Thymeleaf, Bootstrap, Hibernate, and MySQL**.
- Developed user **authentication and authorization** functionalities to ensure data security and prioritized security by implementing password **hashing and encryption techniques**.
- Integrated third-party **payment gateway APIs** for seamless online transactions.
- Several functionalities have been implemented, including password recovery/alteration, container search, as well as **login and signup** processes.

Achievements

Solved more than **300** problems including easy, medium and hard levels.[Leetcode GeeksForGeeks](#)

HackerRank - 6 star gold badge with 3380 points in Problem Solving.[Link](#)

CERTIFICATES

- HackerRank Java. [Certificate](#)
- HackerRank Problem Solving (Intermediate). [Certificate](#)
- HackerRank SQL. [Certificate](#)

Interests

- Coding , Travelling