

Avikumar

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Technical Skills

Programming Languages: Java, JavaScript

Web Technologies: HTML5, CSS3, React.js, Spring Boot, Node.js, Express.js, Firebase, Docker*, Postman*

Database Management: MongoDB, MySQL

Development Tools: GitHub, Visual Studio, IntelliJ IDEA CE, Cisco Packet Tracer*

Operating Systems: Windows, macOS

*Elementary proficiency

Education

Bennett University, Greater Noida

Aug 2022 – Present

- Bachelor of Technology in Computer Science and Engineering

- CGPA: 8.75/10.0

Projects

Personal Portfolio Website

Jan 2025 – Mar 2025

- Engineered a responsive full-stack portfolio website utilizing **HTML5**, **CSS3**, **JavaScript**, and **Firebase** integration, showcasing professional achievements while implementing modern design principles.
- Optimized web application performance with custom animations, asynchronous data handling, and cross-device compatibility.
- Crafted an engaging digital presence that effectively highlights technical expertise and project accomplishments.

Journal Application

Dec 2024 – Feb 2025

- Architected a scalable backend for a journal application using **Java** and **Spring Boot**, implementing secure **user authentication** and **authorization with JWT**.
- Integrated **MongoDB Atlas** for data storage and **Redis** for caching, incorporating external APIs like **weather updates**.
- Implemented industry best practices: version control via GitHub, code quality analysis using SonarCloud, and efficient project management.

Banking Application

Nov 2024 – Dec 2024

- Constructed a robust Banking website utilizing **Spring Boot** and **MySQL** for secure transaction management.
- Validated **RESTful** APIs functionality using **Postman** for comprehensive testing and debugging.
- Currently enhancing system **security** through implementation of advanced **authentication protocols**.

Quick-News

Jan 2025 – Feb 2025

- Designed a cross-platform mobile application using **React Native** delivering compatibility across Android & iOS devices.
- Incorporated key features: state management, navigation, API integration, and responsive UI components.
- Leveraged **Redux/Context API** for efficient state management and optimal application performance.

Other Projects

2024

- **VoteLogic:** Created an interactive **web platform** enabling users to rate political leaders, report local issues, and access **government schemes**, fostering informed voting decisions.
- **Student Style:** Engineered a dynamic Trend Recommendation Application integrating Sorting and Priority Queue algorithms.
- **Intra:** Built a professional front-end website for house interior design utilizing **HTML** and **CSS**.
- **Spring Boot** Basic Project: Established foundational application demonstrating core Spring Boot capabilities.

Achievements

- **Competitions:** Secured 2nd Rank in **EY CAFTA Case Championship Mega Edition 2024** (Round 1) and 4th rank in Final Round.
- **Conference Publication:** Research paper "**Student Style**" accepted at **ICRAET-2024** on **06th Jun 2024** at **Munnar, India**.
- **Innovation Recognition:** Awarded **two state-level** and **one national-level Science Exhibition awards** at **IIT-DELHI**, showcasing real-life problem-solving and technical expertise.
- **Professional Certification:** Completed Introduction to Front-End Development and React Basics from **META**.
- **Technical Training:** Successfully completed the Python Essentials 1 Course by **Cisco Networking Academy**.