

# Avikumar

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## Education

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### Bennett University, Greater Noida

- Bachelor of Technology in Computer Science and Engineering
- CGPA: 8.75/10.0

### 12th School, Shree Ram Vidyalaya

- State Board of Secondary Education (PCM)
- Percentage: 77.89%

## Technical Skills

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- **Programming:** Java, JavaScript
- **Web Technologies:** HTML, CSS, React.js, Spring Boot, Node.js, Express.js, Docker\*, Postman\*
- **Database Management:** MongoDB, MySQL
- **Miscellaneous:** Cisco Packet Tracer\*, GitHub, Visual Studio, IntelliJ IdeaCE
- **Operating Systems:** Windows, macOS

*\*Elementary proficiency*

## Projects

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### Journal Application

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

### Banking Application

- Built a basic Banking website using **Spring Boot**, **MySQL**.
- Verified **RESTful** APIs using **Postman**.
- Currently enhancing **security** with **authentication implementation**.

### Quick-News

- Developed a mobile application using **React Native** for cross-platform compatibility (Android & iOS).
- Implemented key features: state management, navigation, API integration, and responsive UI components.
- Utilized **Redux/Context API** for efficient state management.

### Other Projects

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

## Achievements

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- **Competitions:** Secured 2nd Rank in **EY CAFTA Case Championship Mega Edition 2024** (Round 1) and 4th rank in Final Round.
- **Conference Acceptance:** Conference Paper “**Student Style**” accepted at **ICRAET-2024** on **06th Jun 2024** at **Munnar, India**.
- Recognized for innovation with two state-level and one national-level Science Exhibition awards, showcasing real-life problem-solving and technical expertise.
- **Certification:** Introduction to Front-End Development and React Basics from **META**.
- **Course:** Completed Python Essentials 1 Course by **Cisco Networking Academy**.