ADVAITH VINEESAN

Kochi, Ernakulam

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Summary

MCA student specializing in AI & ML with strong skills in full-stack development using Spring Boot, ReactJS, and PostgreSQL. Experienced in building secure, scalable web apps with real-time features and clean UI.

Education

Jain Deemed-to-be University   **Sep. 2024 – April 2026 (Expected)**
Master of Computer Applications (AI & ML)   *Kochi, Kerala*

Government Brennen College   **Aug. 2021 – Apr. 2024**
Bachelor of Science in Mathematics   *Thalassery, Kerala*

Technical Skills

Languages: Java, JavaScript, HTML/CSS, SQL, Python
Technologies/Frameworks: ReactJS, Spring Boot, PostgreSQL, TailwindCSS
Developer Tools: VS Code, IntelliJ IDEA, Git, GitHub, Postman, pgAdmin

Projects

Task Manager with Productivity Tracker | *ReactJS, Spring Boot, PostgreSQL*   **Frontend Repo — Backend Repo**
- Built a secure task management app with JWT authentication and email verification.
- Designed REST APIs for task CRUD and analytics; integrated PostgreSQL for persistence.
- Implemented dynamic charts to visualize task progress and productivity trends.
- Used MUI for accessible and responsive UI.

Real-Time Multiplayer Guessing Game | *ReactJS, TailwindCSS, Spring Boot, WebSockets*   **GitHub Repository**
- Built a real-time guessing game with WebSockets for live interactions and fast gameplay.
- Managed concurrent sessions using Spring Boot backend and WebSocket communication.
- Designed an intuitive UI with TailwindCSS and React.

Full-Stack E-Commerce Website | *ReactJS, Spring Boot, PostgreSQL*   **GitHub Repository**
- Developed product listing, cart, and checkout flows using REST APIs.
- Handled user auth, order processing, and database schema design with Spring Boot and PostgreSQL.
- Created responsive frontend with React.

Spring Boot Quiz API | *Spring Boot, PostgreSQL*   **GitHub Repository**
- Created REST API for quiz/question CRUD with relational DB design.
- Secured endpoints and optimized performance using Spring Boot best practices.

Relevant Coursework

- Data Structures
- Machine Learning
- Operating Systems
- Computer Networks
- OOP
- Linear Algebra
- Statistics