Pranav Unnikrishnan

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Summary

Full stack software engineer skilled in Java, Spring Boot, React, and Python. Strong problem-solver with hands-on experience in building full stack web applications. MCA student with working knowledge of industry tech stack and strong CS fundamentals.

Education

Master of Computer Applications (MCA), Marian College, Kuttikanam (Autonomous)	2024 – 2026 (Expected)
Bachelor of Computer Applications (BCA), Christ College, Puliyannal	2021 – 2024

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, SQL

Frameworks & Libraries: Spring Boot, Django, React, Node.js, Express.js

Databases & Cloud: MySQL, MongoDB, PostgreSQL, AWS, Docker, Kubernetes

Tools & Technologies: Git, Swagger, WebSocket, Socket.IO, Power BI, JIRA, Render, Vercel

Projects

Stock Broker Paper Trading Platform (Ongoing)   GitHub | Live
- Built educational trading dashboard with real-time WebSocket updates and trade analytics
- Implemented emotion tracking algorithm and news-based trading suggestions using News API
- Documented REST APIs with Swagger; integrated PostgreSQL for performance tracking
- **Tech Stack:** React, Spring Boot, PostgreSQL, WebSocket, News API

Collaborative Code Editor (Ongoing)   GitHub | Live
- Developed real-time collaborative editor with Socket.IO for live sync and integrated chat
- Supports multiple concurrent users with conflict resolution and CodeMirror integration
- **Tech Stack:** React, Node.js, Express.js, Socket.IO, CodeMirror

Agricultural Marketplace & Advisory Platform (Ongoing)   GitHub | Live
- Developed full-stack marketplace connecting farmers with buyers using Django MVT architecture
- Integrated payment gateway and built admin dashboard for platform monitoring
- Implemented user authentication, product listings, and responsive UI design
- **Tech Stack:** Django, Python, SQLite, HTML/CSS, JavaScript, Bootstrap

Certifications

Machine Learning with Python – Level 1, IBM Verify Credential	Apr 2025
Data Science Methodologies, IBM Verify Credential	Oct 2024
Data Science Tools, IBM Verify Credential	Oct 2024