

Mahesh Patil

Software Engineer

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SUMMARY

Software Engineer and B.Tech student with a strong background in computer science, software development, and algorithmic problem-solving. Possesses experience designing and building full-stack applications, rule-based analytical systems, and robust backend architectures. Leverages expertise across multiple programming languages, frameworks, and modern development tools.

EDUCATION

R. C. Patel Institute of Technology, Shirpur · Bachelor of Technology - BTech, B.Tech · 2024 – 2028

B.Tech AI/ML Student

SKILLS

Languages and Frameworks: C, C++, C++(DSA), English, German, Hindi, Java, Marathi, Python, Python (Programming Language), hibernate, Java Spring-boot, JDBC, Servlet & JSP

Databases: redis, SQL

Tools: Canva, ChatGPT, Claude, Figma, Gamma, Github, kafka, NumPy, Pandas, System Design

PROJECTS

Forex Pair Signal Generator

Built a Forex signal generator using rule-based strategies, analyzing historical price data to identify trading patterns and generate buy/sell signals. Developed a Forex signal generator utilizing rule-based strategies including trend and SMC concepts. Analyzed historical price data using Python, Pandas, and NumPy to identify patterns and generate buy/sell signals.

Python, Pandas, NumPy

CAMPUS-FIX

Built CampusFix, a QR-based college equipment maintenance system with role-based authentication. Implemented a QR-based college equipment maintenance system featuring role-based access control for Students, Teachers, Technicians, and Admins. Integrated JWT authentication for secure multi-role access control and managed media assets with Cloudinary.

JWT, Cloudinary

MVP (Building)

Built a full-stack web application for user performance tracking. Engineered backend REST APIs using Spring Boot for a full-stack performance tracking web application. Architected PostgreSQL database schemas to store and manage user performance data. Implemented user authentication and authorization workflows utilizing JWT.

Spring Boot, PostgreSQL, JWT

AWARDS

Top 400 Traders, LeetCode Streak, CodeChef Rating, Coding Problem Solving