

Raman Itankar

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Education

Ajeenkya D Y Patil School of Engineering

Sept 2021 – May 2025 (Expected)

B.E. in Computer Science Engineering

- **Relevant Coursework:** Data Structures, Algorithms, Web Development, Database Management, Object-Oriented Programming

Experience

Intern - Web Development

June 2023 – Aug 2023

Cravita Technologies

Pune, India

- Developed a real-time Task Management System using JavaScript, HTML, and CSS, improving team productivity by 20
- Integrated the frontend with a SQL backend via REST APIs, ensuring seamless data storage and retrieval.
- Collaborated with a team of 4 developers to deploy the application to a cloud server, participating in the full software development lifecycle.

Projects

ML-Inspired Trading Strategy

- Developed a rules-based trading algorithm in Pine Script for the TradingView platform, using a confluence of technical indicators (SMA, EMA, RSI, MACD) to simulate machine learning pattern recognition.
- Engineered the strategy to generate high-conviction signals by requiring multiple conditions to be met simultaneously, improving decision-making accuracy.
- Backtested on Gold (XAUUSD), the strategy yielded a 75.82% return over a one-year period with a profit factor of 2.15, demonstrating robust performance.

Professional Makeup Artist Website

- Built a dynamic, responsive portfolio website using HTML5, CSS3, and JavaScript to showcase the artist's work, resulting in a 40
- Integrated the WhatsApp Business API to create a real-time communication channel, streamlining the booking process for client consultations and inquiries.

Student Management System

- Engineered a desktop application in Java with a user-friendly GUI to perform full CRUD (Create, Read, Update, Delete) operations for student information.
- Utilized a MySQL database to ensure persistent and reliable storage of student records, attendance, and academic grades, with data validation to maintain integrity.

Technologies

Languages: Java, JavaScript, SQL, HTML/CSS, C, C++, Pine Script

Frontend: React, HTML5, CSS3, JavaScript

Backend: Java, Node.js, Express

Databases: MySQL, MongoDB

Tools: Git, REST APIs, Docker

Concepts: OOP, Data Structures, Algorithms