Jasraj Shendge

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github.com/jasraj1111| leetcode/Jasraj

Education

Manipal University Jaipur, BTech in Computer Science and Engineering   Sept 2022 – May 2026
- CGPA: 9.07/10
- **Coursework:** Data Structures and Algorithm, Operating systems, Relational Database Managements, Computer Networks, Computer Organization and architecture, Theory of Computation, Predictive Analysis

Vivekanand Arts, Sardar Dalip Singh Commerce and Science College, Class 12th   June 2020 – May 2022
- Percentage: 84.67

Skills and Certifications

Languages: C++, C, Python, Java, SQL, JavaScript,

Technologies: Power BI, React.Js, Node.Js, TaildWindCSS, NumPy, Pandas, MsExcel, MySQL, MongoDB, Solidity, Git, Github

Certifications: NPTEL Design and Analysis of Algorithms(IIT Madras), NPTEL Software Testing, Power BI Job Simulation(PwC), Getting Started with Enterprise-grade AI(IBM SkillsBuild), CCNAv7: Switching, Routing, and Wireless Essentials and Enterprise Networking, Security, and Automation(Cisco), Java Fundamentals(Oracle Academy), Python for Data Science, AI and Development(Coursera)

Experience

Full Stack Web Developer, EazyByts Web Solutions – Meerut, UP   Jan 2025
- Worked closely with the web development team to contribute to dynamic, client-facing projects, enhancing user experience and functionality and gained comprehensive experience in the entire web development lifecycle.
- Improved proficiency in key web development technologies such as HTML, CSS, JavaScript, and frameworks like **React.js and Node.js** by working on hands-on projects in a collaborative environment.

Projects

Dynamic Pricing Optimization for Online Grocery Sales   Evently
- Developed a machine learning-driven dynamic pricing model for grocery products using **Random Forest, XGBoost, and Linear Regression**, optimizing **revenue and sales** for an online grocery platform. Implemented **Price Elasticity of Demand (PED)** analysis to classify products as elastic, inelastic, or unit elastic based on their price sensitivity. Integrated **Reinforcement Learning (RL)** for real-time dynamic pricing adjustments, considering factors like demand fluctuations, seasonality, and competition.

AI-Driven Crypto Trading Bot based on Social Media Sentiment   GitHub
- Developed an **AI-powered** crypto trading bot integrating **Sentiment Analysis** with automated smart contract execution. Implemented a backend pipeline for collecting and preprocessing Reddit sentiment data, generating **BUY/SELL** signals using **NLP**, and backtesting trading strategies with technical indicators like RSI, SMA, and ATR. Optimized stop-loss, take-profit, and sentiment thresholds for risk management. Built and deployed a **Solidity-based** TradingBot.sol smart contract.

Blockchain-Based Storage Platform (Secure It):
- Developed a decentralized application (**DApp**) utilizing **Ethereum blockchain technology** for secure personal data management. Key features include blockchain-based user authentication, secure data upload and storage, permission management, audit trails for data access, and a compensation simulation for users who share their data.
- Tools Used: **Solidity (for smart contracts), React.Js, Node.Js, Express.Js, Web3.Js, MongoDB, MetaMask**