Jayesh Arora

Bachelor of Technology, Computer Science and Engineering
Bennett University

+91-9667978768
jayesharora0001@gmail.com
GitHub LinkedIn

Summary

Full-stack developer with experience in building end-to-end frontend and backend systems, including a real-time stock analysis platform (FinWise) and a production-ready ERP system used by a trading business. Strong problem-solving background with 250+ LeetCode questions and a 3-Star CodeChef rating, seeking a software engineering internship starting next month.

Technical Skills and Interests

Languages: C++, Python, JavaScript
Frontend: React.js, HTML, CSS
Backend / Databases: Node.js, Firebase, MongoDB, MySQL
Machine Learning: TensorFlow, Keras, Scikit-learn, Pandas, NumPy, OpenCV
Tools: Git, GitHub, Postman, Jupyter Notebook
Core CS: Data Structures & Algorithms, OOP, OS, DBMS

Personal Projects

•FinWise – Real-Time Stock Analysis Platform
React.js, Firebase, External APIs *GitHub Repo*

- Built a stock analytics platform delivering live market prices, financial ratios, and historical performance charts.
- Integrated financial APIs to fetch data for 50+ companies, including valuation metrics and trend indicators.
- Implemented dashboards for profit/loss tracking, multi-timeframe comparison, and investment insights.
- Used batching and caching to reduce redundant API calls by approximately 40%, improving responsiveness.
- Designed modular components and integrated Firebase for user-specific watchlists and saved preferences.

•Custom ERP System for Trading Company
React.js, Firebase *Live Demo*

- Developed a production-ready ERP supporting finance, HR, payroll, billing, and inventory workflows for a trading business.
- Automated salary processing, invoice generation, stock updates, and expense tracking, reducing manual workload by approximately 70%.
- Built real-time dashboards using Firebase Realtime Database to track cash flow, sales performance, and inventory movement.
- Implemented secure role-based access, optimized data schemas, and modular business logic for scalability and maintainability.

•Heart Disease Prediction Model
Python, Scikit-learn *GitHub Repo*

- Developed machine learning models (SVM, Random Forest, Decision Trees) to predict heart disease risk using clinical features.
- Performed exploratory data analysis and feature engineering to identify high-impact medical predictors.
- Optimized models for recall and F1-score, focusing on medically relevant evaluation metrics.
- Created visualization dashboards (ROC curves, feature importance, confusion matrices) in Jupyter Notebook to compare and interpret models.

Achievements

- Organized, volunteered, and participated in 5+ hackathons, including Smart India Hackathon (SIH).
- 3-Star CodeChef rating.
- Solved 250+ LeetCode DSA questions.

Education

•Class 10 (CBSE) *2020–21*
MDH International School Percentage: 89%

•Class 12 (CBSE) *2022–23*
MDH International School Percentage: 92%

•Bachelor of Technology in Computer Science and Engineering *2023–27*
Bennett University CGPA: 8.33