Rohit Kumar

7006380917 / vermarohit7780@gmail.com / Linkedin / GitHub | Leetcode

EDUCATION

BLDEA's V P Dr PG Halakatti College of Engineering & Technology, Vijayapura (Karnataka)   *CGPA – 8.0*
B.E in Computer Science and Engineering   *2022 – 2026*

K. K Vidyalaya Sr. Sec. School Billawar (Jammu & Kashmir)   *Percentage – 88.2*
HSC (12th)   *2021 – 2022*

PROJECTS

My Video Call | *React, WebRTC, Socket.IO, Node.js, Express, MongoDB*
- Engineered a scalable, low-latency video platform using WebRTC and Socket.IO, supporting over 50 concurrent users in secure, peer-to-peer sessions
- Designed and deployed the backend infrastructure on Node.js and MongoDB Atlas, applying core networking principles for real-time signaling and data exchange
- **Live Demo:** My Video Call | GitHub Repo

AeroRide | React, Node.js, Express, MongoDB, Vite
- Engineered a real-time ride-hailing platform optimized for seamless captain and passenger interactions, supporting dynamic ride requests and live location tracking.
- Integrated WebSocket communication for instant ride notifications and status updates, ensuring low-latency user experience
- **Live Demo:** GitHub repo

Price and Trend Forecasting with Deep Learning | *Python, TensorFlow, NumPy, Pandas, Scikit-learn, Matplotlib*
- Developed a deep learning model for financial price and trend forecasting using Long Short-Term Memory (LSTM) neural networks
- Implemented robust data preprocessing techniques including feature scaling and sequence generation for effective time-series analysis
- **Live Demo:** GitHub Repo

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS
Frameworks: React, Node.js, Express.js, Material-UI
Databases: MongoDB, SQL
Developer Tools: Git, Docker, Kubernetes, CI/CD(GitHub Actions), AWS(EC2, S3 basics), VS Code, Postman
Core Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Microservices Architecture, REST APIs, DBMS, Operating Systems, Networking (TCP/IP, Routing, Switching)

CERTIFICATIONS

DSA with Java: Apna College | Link
Full Stack Web Development: Apna College | Link
Data Analytics Essentials: Cisco Networking Academy | Link
Participation Certificate: Adobe India Hackathon | Link

LEADERSHIP & TECHNICAL ACHIEVEMENTS

Competition Winner: Winner of College Tech Competition
Problem Solving: Demonstrated strong algorithmic proficiency by solving over 350 problems on LeetCode using Java.
Hackathon Leadership: Organized and led a college-level hackathon, managing event logistics, technical challenges, and outreach for over 50 participants
State-Level Participation: Participant in the TCS Tech Bytes 2025 state-level event