



Dhanush G M

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RV Institute of Technology and Management

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LinkedIn Profile

GitHub Profile

EDUCATION

- RV Institute of Technology and Management** 2026
B.E. in CSE CGPA: 8.47
- Sadhana PU College** 2022
Karnataka School Examination and Assessment Board Percentage: 86.5
- Baldwin Co-Education Extension High School** 2019
Indian Certificate Of Secondary Education, Karnataka Percentage: 88.8

PROJECTS

- Online Voting Machine using Python and Blockchain** December 2024
A secure voting system that integrates face recognition, OTP verification, and blockchain for tamper-proof voting.
 - Tools & technologies used: Python, OpenCV, Tkinter, Web3.py, Ganache, HTML, CSS
 - Built a multilayered authentication system and stored votes securely on Ethereum blockchain.
- CryptoGap+: Advanced Crypto Arbitrage and Analysis Tool** May 2025
An AI-assisted crypto arbitrage tool for detecting real-time trade gaps across Binance and Kraken.
 - Tools & technologies used: Python, Streamlit, Groq LLM, CCXT, Plotly
 - Implemented LLM-based insights and price simulation for profitable trade predictions.
- Food Ordering System (GUI + DBMS Project)** June 2025
Admin-managed desktop app to handle orders, update items, and export data as CSV.
 - Tools & technologies used: Java, Swing, MySQL, JDBC, Apache POI
 - Developed a complete CRUD-based interface with real-time search and export features.
- MongoDB Deployment using Kubernetes** October 2024
Scalable MongoDB deployment on Kubernetes with persistent storage and auto-healing pods.
 - Tools & technologies used: Docker, Kubernetes, Minikube, YAML, MongoDB
 - Configured services, volumes, and deployments for fault-tolerant DB orchestration.

CERTIFICATIONS

- Machine Learning A-Z:** SuperDataScience via Udemy (Certificate)
- Machine Learning for All:** University Of London via Coursera (Certificate)
- Networking Basics:** By Cisco (Certificate)

TECHNICAL SKILLS AND INTERESTS

- Languages:** Java, Python, C, HTML, CSS, JavaScript, Flutter
- Developer Tools:** Visual Studio Code, Android Studio, Eclipse, GitHub
- Cloud/Databases:** MySQL, MongoDB, Firebase
- Soft Skills:** Adaptability, Communication, Problem Solving, Teamwork
- Coursework:** Data Structures and Algorithms, Artificial Intelligence and Machine Learning, OOPs, DBMS, Blockchain
- Areas of Interest:** Machine Learning, Artificial Intelligence, Generative AI, App Development

POSITIONS OF RESPONSIBILITY

- Mentor:** Speak Up Community RVITM 2023 – Present
- Member:** Alcoholics, the Competitive Programming Club RVITM 2023 – Present

ACHIEVEMENTS

- Top 10** — Tech Tank Hackathon 2025