

# ADITYA M

827-714-6493 | [adityamsharma2010@gmail.com](mailto:adityamsharma2010@gmail.com) | [linkedin.com/in/Aditya-M](https://www.linkedin.com/in/Aditya-M) | [github.com/AdityaM14](https://github.com/AdityaM14)

## TECHNICAL SKILLS

---

**Languages :** C++, Python, SQL, Java, JavaScript.  
**Cloud DevOps :** AWS (EC2), Docker, Kafka , Pyspark  
**Data Visualization :** Tableau, Excel, PowerBI  
**Developer Tools :** AWS, Git, GITbash, VS Code, PyCharm, JupyterBook  
**Operating system :** Ubuntu (Linux), Windows, Mac

## FUNDAMENTALS

---

**Data Structure and Algorithm, NLP, Operating System, Object Oriented Programming(OOPs), Database Management System, Machine Learning (AI/ML), GEN-AI, Backend-Development, Computer Networks, Basics of Computer Architecture, Fundamentals of Big Data and Cloud, Software Testing Fundamentals .**

## PROJECTS

---

**Real-Time Big Data System for Stock Monitoring and Bitcoin Price Prediction** | *Python, kafka, Spark, HDFS, Docker*

- Streamed real-time stock and BTC data using Kafka (via Redpanda); processed it with Spark Structured Streaming.
- Containerized the pipeline using Docker for reproducibility and local deployment.
- used Python, Scikit-learn, yFinance, Binance API, and SQLite for full pipeline integration.

**GEN AI and ML-Based Stock Prediction & Sentiment Analysis Tool** | *Python (LSTM), Hugging Face, Tweepy API*

- Developed an LSTM model achieving 75% accuracy in stock trend prediction.
- Enhanced investment insights by analyzing financial reports using FinBERT with 80% correlation to stock trends.
- Implemented Twitter sentiment analysis via Tweepy, achieving 70% sentiment accuracy tied to price movements.

**LogLLM-Based Anomaly Detection in Logs** | *Python (LSTM), Log Parsing, ChromaDB, LangChain*

- Trained an LSTM model to detect anomalous patterns in log sequences with 60% accuracy.
- Improved detection quality by embedding parsed logs in ChromaDB with 80% similarity scoring.
- Utilized LangChain-driven workflows for efficient retrieval and achieved 70% precision in alerts.

**Decentralized Secure Chat App (d-chat)** | *Cybersecurity with Blockchain*

- Built a secure decentralized chat app using Solidity, Hardhat, and Ethereum.
- Integrated MetaMask for authentication, and used AES-256, RSA/ECC, and SHA-256 encryption for end-to-end secure data transfer.
- Leveraged IPFS and Filecoin for tamper-proof decentralized file storage.

## EXPERIENCE

---

**InUnity – Branding and Marketing Intern** | *Mangaluru, On-site*

- Contributed to branding initiatives at InUnity LLP, supporting the development and execution of marketing strategies to enhance brand visibility and engagement.
- Collaborated with the marketing team to conceptualize and implement creative campaigns, demonstrating strong communication and design thinking skills.
- Gained hands-on experience in brand management, showcasing reliability, attention to detail, and a proactive approach to organizational marketing goals. .

**Quddle.ai – SDE-1 Intern** | *USA, remote*

- Contributed to the development of AI-driven web modules integrating LLM-based content generation and retrieval workflows using Python and LangChain.
- Optimized backend logic and data handling for faster API responses and improved scalability within Quddle.AI's automation platform.

## ACHIEVEMENTS

---

**Hackathon Achievements**Secured 2nd place in EG AI Innovation, a state-level hackathon by EG X InUnity, by building an AI-powered tool using ML and NLP to automate migration of legacy code to modern languages like Python and Java, enhancing efficiency and maintainability.Participated in 8+ hackathons.

**Executive Lead at ME-RIISE Foundation}**: Leading ME-RIISE FOUNDATION with design and implementation of technical solutions to support student innovation initiatives, including building automation tools, developing web platforms, and managing back-end systems for startup incubation and event operations within the college club.

## EDUCATION

---

### Malnad College of Engineering

*Bachelor of Engineering in Information Science and Engineering, CGPA - 7.5*

Hassan, India

*Dec. 2022 – June 2026*

### Sarvodaya PU College

*PCME,Percentage-72*

Tumkur, India

*June 2021 – April 2022*

### Maruthi Vidya kendra

*CBSE,Percentage-70.2*

Tumkur, India

*2019 – 2020*