

ADITYA M

827-714-6493 | adityamsharma2010@gmail.com | linkedin.com/in/Aditya-M | 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	Hassan, India
<i>Bachelor of Engineering in Information Science and Engineering, CGPA - 7.5</i>	<i>Dec. 2022 – June 2026</i>
Sarvodaya PU College	Tumkur, India
<i>PCME, Percentage-72</i>	<i>June 2021 – April 2022</i>
Maruthi Vidya kendra	Tumkur, India
<i>CBSE, Percentage-70.2</i>	<i>2019 – 2020</i>