

Mohammed Raazi

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LinkedIn | GitHub | Portfolio

Bangalore, India

PROFESSIONAL SUMMARY

Results-driven AI Engineer and Data Analyst with 2+ years of passion in building scalable, production-ready applications. Delivered 5+ live projects with more than 500+ active users using Python, Machine Learning, and cloud technologies. Adept at developing LLM-integrated systems, automating solutions, and optimizing performance with a strong foundation in system design and security engineering. Passionate about solving real-world problems with AI and delivering high-impact results.

PROJECTS

Karmalyze – AI-Powered Data Recovery & Analysis Platform | Technologies: Python, AI/ML, Cloud Architecture 2025 / GitHub

- Built an intelligent data recovery system using 6 AI providers (Google Gemini, QWEN3, KIMI K2, LLAMA-3) that automatically analyzes system failures and provides actionable solutions, reducing manual troubleshooting time by 75%.
- Implemented enterprise-grade security with SHA-256 encryption and behavioral scoring system that prevents data loss and improves system reliability by tracking performance patterns over time.
- Designed scalable microservices architecture with real-time monitoring that processes 10,000+ events/hour while maintaining 99.9% uptime through automated health checks and failover mechanisms.
- Developed persistent memory system with intelligent caching that enables systems to learn from past failures, resulting in 40% faster recovery times and proactive issue prevention

Subway Surfers AI Agent | Python, Deep RL, OpenCV, Computer Vision 2025 / GitHub

- Developed a fully autonomous AI agent using Double DQN that achieved a 3x score increase on Subway Surfers emulator gameplay.
- Implemented a real-time vision pipeline for pixel-level state extraction with under 200ms latency.
- Improved model performance using prioritized experience replay, achieving steady convergence over 50k iterations.
- Automated gesture-based gameplay via emulator touch mapping, enabling end-to-end hands-free runs.

EDUCATION

Don Bosco Institute of Technology

Bachelor of Engineering in Artificial Intelligence and Data Science

Bangalore, India

May 2026

SKILLS

Languages: Python, SQL

AI/ML: Machine Learning, NLP, Computer Vision, LLMs, Neural Networks, Recommendation Systems

Frameworks: FastAPI, Streamlit, TensorFlow, PyTorch, Pandas, NumPy, OpenCV

Cloud and DevOps: AWS, Docker, Vercel, Microservices, PostgreSQL, MySQL

Visualization: Power BI, Tableau, Matplotlib, Seaborn, Plotly, Excel

Tools: Git, GitHub, REST APIs, Version Control, CI/CD

CERTIFICATIONS

Machine Learning For All | University of London (Coursera)

2025

Google Data Analytics Certificate | Google (Coursera)

2024

Python for Data Science, AI and Development | IBM (Coursera)

2024

Database and SQL for Data Science | IBM (Coursera)

2024

ACHIEVEMENTS

Delivered 5+ cross-platform applications with more than 500 active users and 99.9% uptime in production environments.

Engineered a game-playing AI agent that consistently achieved top 10% scores across emulator runs using deep RL.

Developed a mobile fitness app with real-time sync and support for wearable devices, successfully deployed with user engagement tracking.

Created an open-source AI chatbot platform deployable with a single API key, open-source project with growing developer adoption available in my Portfolio.

Shipped 3+ AI-powered apps in 24-hour hackathons with complete login systems, backend integration, and deployment.