

Riyaz Mohammad

AI / ML Engineer

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Professional Summary

3× Hackathon Winner with hands-on experience building and deploying AI applications specializing in **AI & ML**, **Generative AI**, and **Prompt Engineering**. Experienced in designing and delivering **end-to-end AI products**, from intelligent automation systems to production-ready applications with **real-world impact**. Passionate about continuous learning, I stay up to date with the latest AI research and industry advancements to build modern, scalable AI solutions.

Work Experience

Zelvora Technologies Pvt Ltd

Remote

AI & Web Developer Intern

February 2026 – April 2026

- Architected a **Generative AI** web platform for on-demand poster creation and image editing; engineered and refined prompts to control output style and consistency, **reducing manual design time by 90%** for early users.
- Built a modular **Python + FastAPI** backend as a unified AI services gateway, streamlining integrations and accelerating new feature deployment by **50%**.

Projects

MARS AI: LLM-Powered Open World Game | *Python, React, GenAI*

[GitHub](#)

- Architected an open-world browser game with AI-powered NPCs that respond dynamically in real-time using **LLMs** and structured **prompt design**, boosting average session duration by **45%**.

File Media Agent: Intelligent Data Organizer | *Python, Flask, AI Vision*

[GitHub](#)

- Engineered an AI-powered file management system using **natural language queries** and **AI vision scanning** to organize complex directories, saving users **10+ hours** of manual sorting per week.

BetterPrice: Real-Time Price Comparison & Tracker | *Python, JavaScript, APIs*

[GitHub](#)

- Built a self-operating **data-mining** application that extracts and compares live pricing across multiple marketplaces, achieving **100% reliable data extraction** via validated API endpoints.

AI-Driven Video Generator & YouTube Automation | *Python, NLP, YouTube API*

[GitHub](#)

- Built an end-to-end **Python** pipeline that scrapes viral trends and uses **NLP** to generate high-retention scripts; scaled a channel to **21,000+ subscribers**, grew viewership by **300%**, and saved **20+ hours** weekly.

Achievements

Hackathon Winner, Mentis AI & Gen Forge 2026: Secured top positions for engineering scalable, impactful AI-driven solutions under strict time constraints.

1st Place, College Innovation Challenge: Recognized for a reporting tool praised for commercial viability and innovative use of **NLP** for data extraction.

National Recognition, AICTE Shortlist: Shortlisted for the Top 2nd Stage by the **Ministry of Education** for excellence in Computer Science.

Certificates

Snowflake Generative AI Professional Certificate

[View Credential](#)

Microsoft Career Essentials in Software Development

[View Credential](#)

GitHub Career Essentials Professional Certificate

[View Credential](#)

Technical Skills

Languages: Python, Java, C++, SQL, JavaScript, Kotlin

AI & Machine Learning: Generative AI (GenAI), **Prompt Engineering**, LLMs, NLP, Computer Vision, Deep Learning, Transformers, RAG, Reinforcement Learning, Model Deployment

AI Libraries & Frameworks: TensorFlow, PyTorch, Pandas, Scikit-learn, OpenCV, FastAPI, Flask, LangChain

Frameworks & DevOps: React.js, Node.js, Next.js, Docker, Git, GitHub, Data Pipelines, RESTful APIs

Currently Exploring: Agentic AI, LLM Fine-tuning, Multi-modal Models, Vector Databases

Education

Vaagdevi College of Engineering

Warangal, Telangana, India

B.Tech in Computer Science (AI & ML) | **CGPA: 7.90/10**

Expected Grad: May 2027

- Relevant:** Machine Learning, Data Structures & Algorithms, AI, Deep Learning, OOP, DBMS, OS, Computer Networks.