

MAYUR GIRI

Artificial Intelligence & Data Science Engineer | Machine Learning | Backend Development

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PROFESSIONAL SUMMARY

Artificial Intelligence and Data Science graduate with hands-on experience in machine learning pipelines, backend development, and full-stack academic projects. Strong foundation in REST APIs, data pre-processing, anomaly detection, and applied AI systems, with exposure to cloud platforms and industry-simulated environments.

SKILLS

Programming & Data: Python, SQL, Java, Statistics, ETL, Data Visualization

Machine Learning & AI: Machine Learning, NLP, CNN, LSTM, Anomaly Detection, AI Automation

Backend & Frontend: Flask, REST APIs, React.js

Databases & Tools: MongoDB, Git, Excel

Analytics & BI: Tableau, Power BI

Cloud Platforms: Google Cloud Platform (GCP), IBM Cloud, Microsoft Azure

EXPERIENCE

Developer & Technology Virtual Intern | *Accenture UK* Apr 2024

- Practiced debugging, Agile workflows, and SDLC concepts through engineering simulations.
- Gained exposure to DevOps-aligned development and enterprise problem-solving.

Cybersecurity Analyst Virtual Intern | *Tata Group*

- Conducted IAM analysis, security risk assessments, and access-control evaluations.

PROJECTS

AI-Based Insider Threat Detection System Jun 2025 – May 2025

- Built end-to-end ML pipelines for log ingestion, preprocessing, and feature engineering.
- Implemented unsupervised anomaly detection using Isolation Forest and Autoencoders.
- Developed Flask REST APIs and integrated results with a React-based monitoring dashboard.

AI-Based Medical Diagnostics System Jan 2024

- Developed a CNN-based medical image classification model with preprocessing pipelines.
- Implemented backend APIs for real-time image upload and inference.
- Integrated a frontend interface to visualize prediction outputs.

EDUCATION

University of Mumbai, Mumbai, India

Bachelor of Engineering in Artificial Intelligence and Data Science

2022 – 2026

CGPA: 7.0 / 10

Relevant Coursework: Machine Learning, Deep Learning, NLP, Computer Vision, Databases

CERTIFICATIONS

- IBM Cloud Computing Fundamentals – Mar 2025
- Microsoft Azure Machine Learning Pipelines – Dec 2024
- Google Cloud ML APIs & Infrastructure – Sep 2024

ACHIEVEMENTS

- Completed industry-recognized certifications in Cloud Computing and Machine Learning.
- Completed technology and cybersecurity virtual programs with Accenture and Tata Group.