

Aniket Andhale

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EDUCATION

Marathwada Institute of Technology, Aurangabad

B. Tech in Artificial Intelligence & Data Science

Jan 2021 – Jun 2025

CGPA: 7.7

Higher Secondary Examination, Pune

Class X-II

2020 – 2021

80.50%

EXPERIENCE

NorthStar Impact Solution | Tech & Research Intern

July 2024 – Sept 2024

- Developed & implemented **data scraping** techniques using **Python** and **NLP** to gather data from financial statements.
- Performed **data cleaning, preprocessing**, and **analysis** on data from companies in the energy generation sector.
- Documenting methodologies, processes, flowcharts for **reporting & presenting** findings and data analysis results to the team.

Prodigal AI | Gen AI Intern

Feb 2024 – May 2024

- Explored Generative AI tools such as Gemini and developed **Gen AI models** with hands-on experience.
- Created content using AI tools, studied **RESTful APIs**, utilized **Flask, Hugging Face** to streamline workflow.

GeeksforGeeks | Technical Content Writer Intern

Jan 2023 – March 2023

- Wrote articles on Artificial Intelligence & Microsoft Azure, increasing website traffic by **2%** in AI category.
- Received positive feedback from readers on AI-related articles, generating total of over **100K+** views.

PROJECTS

Credit Card Fraud Detection with Data Engineering on Google Cloud (Code) (Video)

- Processed and analyzed **2.83+** lakh transactions to train XGBoost with **97%** precision using BigQuery ML, deployed on **Vertex AI**.
- Built robust pipeline with **Dataflow** integrating **Pub/Sub** for real-time transactions ingestion, **Firestore & BigQuery** for storage, achieving seamless scalability. designed **Looker** dashboard, improving fraud monitoring & decision-making efficiency by **20%**.
- Reduced fraud response time by **30%** by using **Cloud function** to send real-time notifications via SMTP Server.

Book Recommendation System (Code) (Live)

- Developed and deployed a personalized book recommendation system using **Docker** on **Azure App Service**, improving recommendation accuracy by **25%** with **collaborative filtering, K-Means clustering**, and **Nearest Neighbors** models.
- Created UI with **Streamlit** & performed **exploratory data analysis**, optimizing performance, reducing processing time by **20%**.
- Implemented **data preprocessing pipelines** and **feature engineering**, enhancing precision, boosting user engagement by **15%**.

GenQuery - SQL Query & Data Visualization Tool (Code) (Live) (Video)

- Developed an AI tool that simplifies **SQL** query generation, formatting, and data analysis by **30%** using Google's **Gemini model**.
- Users can input requests in simple English, generating **SQL syntax & explanations**, simplifying learning for beginners by **25%**.
- Used **Python & Streamlit** for UI, **SQLite** as Database & **Plotly Express** for visualizations, enhancing data insights.

HR Analytics Dashboard (Code)

- Developed an interactive **Power BI** dashboard, reducing employee attrition analysis time by **40%**, providing real-time insights.
- Analyzed employee data with **38** variables to identify key factors for a **25%** decrease in turnover over six months.
- Implemented **KPIs** that boosted employee satisfaction by **15%**, focusing on retention and department performance.

TECHNICAL SKILLS

Languages: Python, SQL

Analytical Tools: MS Excel, Power BI, Looker Studio.

Technologies/Frameworks: Google Cloud, MS Azure, GitHub, RESTful APIs, Streamlit, Canva.

Soft Skills: Leadership, Communication, Event Management, Content Writing, Public Speaking.

CERTIFICATIONS

- GCP Associate Cloud Engineer** (Link): expertise in GCP fundamentals, cloud services, data management and security.
- AZ-900** (Link): expertise in Azure fundamentals, cloud concepts, services, security, and compliance.
- DP-900**(Link): proficient in core data concepts, data storage, processing, and security in Azure.
- AI-900**(Link): demonstrating competence in AI concepts and technologies.

ACHIEVEMENTS

- Winner of the **Google Cloud Vertex AI Agent Builder Hackathon** for developing GenQuery, a personal SQL query assistant powered by Google's Generative AI Gemini model, receiving the **\$500 Prize**.
- Recognized as **Hall of Fame** in the Future-Ready Talent Program supported by **Microsoft and GitHub**.

POSITIONS OF RESPONSIBILITY

- Google Cloud Facilitator:** leading hands-on GCP training, supporting 600+ students, organizing community events.
- Cloud Lead at GDSC:** Organized and ran the Google Cloud Jam program, guiding over 100+ students in learning Google Cloud concepts.
- Cisco Campus Ambassador:** Acted as a liaison between MIT campus and Cisco, understand products & provide student insights.
- Event Lead at Ignite Student Association:** Conducted & Managed offline event comprising 450+ students in an event, and more.
- 4 years of scouting in school time & **winner of the state award of scout & guide**.