ADITYA GAIKWAD

+91 7499426023 | adigaikwad619@gmail.com | Pune, Maharashtra (**Ready to Relocate**)

[Portfolio](#)|[LinkedIn](#) [Github](#)

PROFILE

Data Scientist & AI Engineer with hands-on **industry internship experience**. AWS Certified AI Practitioner and Data Engineering Associate, with practical knowledge of **cloud-based AI services, data pipelines, and scalable analytics workflows**. Proficient in **Machine Learning, Deep Learning, Python, SQL, TensorFlow, Keras, PyTorch, and Scikit-learn, Agentic AI and Prompt Engineering.** Strong background in **EDA, feature engineering, model evaluation,** and **data visualization** using **Power BI** to deliver actionable insights.

WORK EXPERIENCE

COMPRINNO TECHNOLOGIES | Data Science Intern

September 2025 – December 2025

DIGITAL IPSUM PVT. LTD | Data Analyst Intern| [LOR](#)

November 2024 – April 2025

PROJECTS

Serverless AI Pipeline for Automated Game Content Creation   **December 2025**

- Built an **AI-driven pipeline** that scrapes news articles from URLs, cleans data, and generates **game-specific content** based on user-selected game type and language.
- **Python**, **AWS Lambda**, **Amazon S3**, **AWS Bedrock**, **AWS SageMaker**, **CloudWatch**, **CloudTrail**,**Prompt Engineering**

Agentic AI Chatbot for Industrial Insights & Application Navigation   **November 2025**

- Developed a **chatbot-based recommendation system** that ingests cafeteria menu data via **client APIs**, processes it through a data pipeline, and provides **semantic menu recommendations** with cart management support.
- **Python, AWS Bedrock Agent, Nova Pro (LLM), Titan Text Embeddings, AWS Lambda (action groups), Amazon S3 (vector storage), CloudWatch, CloudTrail**

AI-Powered Cafeteria Menu Recommendation Chatbot   **October 2025**

- Developed a **chatbot-based recommendation system** that ingests cafeteria menu data via **client APIs**, processes it through a data pipeline, and provides **semantic menu recommendations** with cart management support.
- **Python, AWS Bedrock Agent, Nova Pro (LLM), Titan Text Embeddings, AWS Lambda (action groups), Amazon S3 (vector storage), CloudWatch, CloudTrail**

AI-Powered Quiz Generation App with NLP and LLMs   **September 2025 | [Project Link](#)**

- Developed a **Generative AI–powered Quiz Generator** using **Google Gemini API**, **Streamlit**, and **Python** to dynamically create MCQ, True/False, and open-ended assessments.
- Implemented **prompt engineering**, **NLP techniques**, and **JSON parsing** for robust quiz generation and evaluation.

Heart Disease Prediction Model | Python, ML, Deep Learning   **February 2025 | [Project Link](#)**

- Developed predictive models using **Logistic Regression, Random Forest, Decision Tree, and ANN**; applied **Keras Tuner** for **hyperparameter optimization.**
- Utilized **Python, Pandas, Scikit-learn, NumPy, Seaborn, and Matplotlib** for **data analysis, visualization,** and feature importance identification.

SKILLS

Programming Languages : **Python, SQL**
GenAI Services : **AWS Bedrock, AWS Sagemaker, AWS Lambda, AWS Athena, AWS Glue, Strand Agent, AgenCore**
Libraries & Frame works: **Pandas, Numpy, Seaborn, Matplotlib, Scikit learn, OpenCV, Tensorflow, Keras, PyTorch, LangChain, LangGraph**
Machine Learning & AI Technologies : **Bagging, Boosting, Random Forest, XGBoost, K-Means, DBSCAN, ANN**
Natural Language Processing (NLP) : **RNN, LSTM, GRU, Transformers(BERT, GPT), Text Preprocessing, Embeddings**
Computer Vision : **YOLOv8, CNN, U-Net, Object Detection, Segmentation, Data Augmentation**
Data Visualization Tools: **Power BI, Tableau, MS Excel**
Database Management : **Aurora**, **MySQL, PostgreSQL, SQL, Redshift, MongoDB, DynamoDB, AWS S3**
Data Processing & Feature Engineering: **Data Cleaning, Wrangling, Encoding, Feature Engineering**

OTHER SKILLS

- **Problem Solving** and **Analytical Thinking**
- **Team Collaboration** and **Cross-functional Collaboration**
- **Critical Thinking** and **Data-Driven Decision Making**
- **Adaptability** in fast-paced environments
- **Communication Skills** for presenting insights and data findings

CERTIFICATIONS

- **AWS Certified Data Engineering Associate | November 2025**   **Certification**

- **AWS Certified AI Practitioner Foundational | October 2025**   **Certification**

- **Data Analysis** with **Python** from **IBM | August 2024**

- **SQL Certification** from **IT Vedant**, **Pune** | **September 2024**

- **Diving into World of Data** From **IT Vedant** | **November 2024**

COURSE

Masters in Data Science and Analytics with AI   **Certification**

IT Vedant Education Pvt. Ltd. | **June 2024 - April 2025**

Coursework: Python, **SQL**, **Power BI**, **Tableau**, **Excel**, **Machine Learning**, **Deep Learning**, **Computer Vision**, NLP

EDUCATION

Bachelor's of Engineering	**7.5 CGPA**
Savitribai Phule Pune University	2024
Diploma	**83.38 %**
Maharashtra State Board Technical Education	2021
SSC	**84.20 %**
Kolhapur Divisional Board	2018

Interests: Chess | Rubik's Cube | Video Editing | Photography