

# Gaurao Mate - Data Scientist

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## SUMMARY

AI & Data Science engineer with 3 years of experience in healthcare, transport, e-commerce domains. Skilled in solving problems through machine learning, computer vision, and time series forecasting.

## TECHNICAL SKILLS

- **Languages:** Python, SQL
- **Frameworks:** Tensorflow, Keras, OpenCV, Scikit-Learn, Pytorch, YOLO, Langchain, Streamlit, Tesseract(OCR), Hugging Face
- **Cloud:** AWS (SageMaker, EC2, S3 etc)
- **Algorithms:** LLM, Deep Learning, Time Series Analysis, Computer Vision
- **Other Skills:** Prompt Engineering, Data Manipulation(Numpy, Pandas), Data Visualization(Matplotlib, Seaborn), Hyperparameter Tuning, Model Training, Data Cleaning, Data Preprocessing, Data Labelling, Statistical Analysis, Version Control(Git)

## EXPERIENCE

**Data Scientist** - fxis.ai | Nov 2024 - Present

- Developed an article generation project that creates SEO-friendly articles from scraped data using OpenAI.
- These articles are evaluated by OpenAI and LLAMA for human-like writing quality, and rephrased based on AI scoring to improve authenticity.

**Machine Learning Engineer** - Nsemble AI | **1 year - 3 months** - Aug 2023 - Nov 2024

- Estimated operating timeframes for industrial machines by performing predictive analysis.
- Improved maintenance scheduling by reducing unexpected downtime by 78%.
- Enabled data-driven decision-making by identifying key trends within operational data.

**Assistant Engineer** -Konverge AI | **1 year - 5 months** - Feb 2022 - July 2023

- Designed a real-time system integrating object detection, face recognition using OpenCV, and OCR for text extraction.
- Utilized multithreading to enable efficient concurrent processing and seamless performance.

**Data Science Intern** - Zummit Infolabs | **4 months** Sept 2021 - Jan 2022

- Using the Biopython library explored the structural relationship between two chemical bond structures.

## PERSONAL PROJECTS

- Developed, the app leverages an LLM to analyse the video transcript, delivering accurate, context-aware answers through a user-friendly Streamlit interface.

## EDUCATION

**Master of Engineering** - Digital Electronics 2013-2018

Sant Gadge Baba Amravati University, Maharashtra

**Bachelor of Engineering** - Electronics Engineering 2008-2012

RTM Nagpur University

**CERTIFICATIONS:** [Machine Learning Fundamentals Micro-Credential \(Alteryx\)](#)

# Candidate Skill Report

by  codingninjas &  naukri

Gaurao Mate [View complete coding profile](#)

## Top skills

Evaluated by tests and Coding Ninjas experts

Proficiency

Python	<div><div style="width: 90%;"></div></div>	90%
Data Science	<div><div style="width: 90%;"></div></div>	90%
DSA	<div><div style="width: 78%;"></div></div>	78%



### Built 6 Web dev Projects

Expert in latest web technologies

 Coding problems solved

212 DSA problems

## Trained to be industry ready

Candidate put in dedicated efforts over 4 months of intensive training

### Machine Learning Course

Duration: 2 mo.

### Data Structures & Algorithms in Python

Duration: 2 mo.



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