

Sujeet Madihalli

Data Science • Machine Learning • AI

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Education

University of Maryland, College Park — M.S. Data Science

Aug 2025 – May 2027

- Coursework: Probability & Statistics, Machine Learning, Big Data Systems, Deep Learning (planned)

KLS Gogte Institute of Technology, Belgaum — B.E. Computer Science

July 2017 – Aug 2021 | CGPA: 9.15/10

Experience

Oracle, Bangalore — Cloud Operations Engineer

Jun 2024 – Aug 2025

- Built Python-based anomaly detection scripts for ETL pipelines, reducing downtime by 30%.
- Automated reporting pipelines, improving data-driven decision-making by 25%.

Subex Ltd, Bangalore — Senior Software Engineer

Aug 2021 – May 2024

- Developed Python log analytics system for anomaly detection in telecom data.
- Automated workflows in Python/Shell, cutting manual intervention by 70%.

Verzeo, Bangalore — Machine Learning Intern

Jul 2019 – Aug 2019

- Built Facial Emotion Detection model (TensorFlow, OpenCV) with 92% accuracy.
- Developed Text Summarizer using NLP techniques (Python, NLTK).

Projects

- **Facial Emotion Detection** – ML model (TensorFlow, OpenCV) with 92% accuracy.
- **Automated Timetable Generator** – Genetic Algorithm + Python (reduced overhead 95%).
- **Text Summarizer** – NLP-based extractive summarizer (Python, NLTK).
- **Project Handbook (Subex)** – Internal DS platform for predictive data analysis (Python, Docker, JS).

Skills

Programming & ML: Python, SQL, NumPy, Pandas, Scikit-Learn, TensorFlow, PyTorch, NLTK, OpenCV

Data & Cloud: Hadoop, Spark, Big Data, Kubernetes, Docker, Git

Other: Statistics, Data Structures, Linux, DBMS

Certifications

- Machine Learning Specialization — **Coursera**
- Python for Data Science, Data Analytics with Python — **NPTEL**
- Generative AI Professional — **Oracle**