GOWTHAMAN S

Contact: 9787436553
Email: gowtham3172004@gmail.com
LinkedIn: www.linkedin.com/in/gowthaman-s-6a988a253

Location: Madurai, India.

Career Objective

Self-motivated B.Tech student in Artificial Intelligence and Data Science with strong fundamentals in Machine Learning, Deep Learning, and Python programming. Proven ability to apply AI/ML models to real-world problems during internships. Seeking a data-driven role in a growth-focused company to contribute technical skills and innovative thinking.

Education

B.Tech – Artificial Intelligence and Data Science
Ramco Institute of Technology, Tamil Nadu 2022
– 2026 | CGPA: 8.16 (up to 5th semester)
HSLC – MSR Matriculation Higher Secondary School | 2022 | 87.16% SSLC –
MSR Matriculation Higher Secondary School | 2020 | 97.60%

Technical Skills

Languages: Python, SQL, Java
Libraries & Tools: Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Power BI
Frameworks: Flask, FastAPI, Streamlit
Concepts: EDA, ML, DL, NLP, Time-Series Forecasting, Predictive Modeling Tools: VS code, Jupyter Notebook, Git, PostgreSQL

Internships

The Ramco Cements Limited, Alathiyur | Jun 2024 – Sep 2024 Prodigy
Infotech (Virtual) | Jan 2024 – Feb 2024
CodSoft (Virtual) | Nov 2023 – Dec 2023

Projects

AskQL using Gemini API

- Developed a real-time Query generating and processing application using Google Gemini's API key which generate queries based on user requests.

Fire & Smoke Detection using YOLOv5
- Developed real-time fire/smoke detection using camera feeds with YOLOv5 ,enhancing industrial safety.

PPE Detection using Deep Learning
- Built a computer vision solution to detect helmets and vests using CNN models for compliance monitoring.

Energy Consumption Analysis – Power BI Dashboard
- Visualized and analyzed 5 years of cement plant energy data, helping in identifying savings opportunities.

Mall Customer Segmentation using K-Means Clustering
- Applied unsupervised learning for behavior-based customer segmentation.

Certifications

- Python for Machine Learning – Udemy, May 2024
- Microsoft Power BI Associate – Mar 2024
- Artificial Intelligence with Python – Great Learning, Dec 2023
- Python Essentials – Cisco, Dec 2023
- Data Analytics Essentials – Cisco, Nov 2023
  Introduction to Data Science – Cisco, Oct 2023
- Python for ML & DS – Udemy, Nov 2022

Languages

Tamil, English

Extracurricular Activities

- Pencil Art
- Volleyball
- Basketball

Achievements (District / Zonal / State / National Level)

- Zonal level player in Volleyball

Leadership Activities

- School sports team captain
- Coordinated Industrial Visit in college.