

Satheesh K

7708672150 | satheesh.k0205@gmail.com | [LinkedIn](#) | [GitHub](#) | [HuggingFace](#)

Education

Integrated Master of Technology in Computer Science Engineering

Jul 2021 – May 2026

Major in Computational and Data Science

CGPA: **7.77**

VIT Bhopal University, Bhopal, Madhya Pradesh

Skills

Programming Languages: Python, SQL, R, Java, HTML, CSS

Tech Stack: NumPy, Pandas, Matplotlib, Flask, Docker, TensorFlow, Pytorch, NLP, Langchain, LLMs (Groq, OpenAI APIs), AWS SageMaker, RAG

Tools: GitHub, Tableau, MySQL, Power BI, Excel, Google Looker, Notion, Positcloud, Huggingface, REST APIs

Projects

ColdMailGen : RAG Powered Cold Mail Generator

May 2025 – June 2025

- **Built a RAG-powered web app** that generates personalized cold mails by retrieving resume + job description context, applying **prompt engineering** with **Groq LLM APIs** for high-performance inference.
- **Deployed on HuggingFace using Docker**, ensuring scalable, reproducible workflows and demonstrating practical **GenAI + LLM** application development.

ResumeBot : Resume Optimizer

Mar 2025 – Apr 2025

- **Built an AI-powered Resume Optimizer** using Cohere **NLP** and Adzuna **APIs** to match resumes with job descriptions and identify keyword gaps.
- **Enhanced ATS compatibility** by over 90% through advanced **semantic similarity scoring** and keyword extraction.
- **Deployed a user-friendly web app** for instant, personalized feedback and real-time resume improvement suggestions.

PowerCast : AI – Driven Electricity Consumption Forecasting

Mar 2023 – Apr 2024

- **Built an AI driven forecasting model (ARIMA, LSTM, Prophet)** achieving 88.5% accuracy in predicting electricity consumption.
- Reduced RMSE by 18.3% through advanced **feature engineering** and **hyperparameter tuning**.
- Visualized demand trends and patterns with **Matplotlib** and **Seaborn** to support data-driven energy management decisions.

Work Experience

Webmobi360

Jan 2025 – Mar 2025

Data Scientist Internship (Individual Role)

- **Led A/B testing on AI/ML services**, optimizing user engagement by **25%** and improving conversion rates by **18%**
- **Analyzed company datasets in Tableau** to visualize trends and optimize marketing, increasing **lead conversion by 30%**
- **Expanded B2C outreach** specifically across the **UK, Canada, UAE, and US**, and collaborated to tailor AI/ML solutions

Uptoskills

Oct 2024 – Dec 2024

Data Science Internship (Team Role)

- **Developed an AI-powered proctoring system** with face detection, eye tracking, and anomaly detection, achieving **94.3% accuracy** in identifying suspicious activities.
- **Built an automated plagiarism detection chatbot** using NLP and machine learning, delivering **92% precision** and reducing manual verification time by **40%**.
- **Enhanced real-time video analysis** and text similarity, boosting detection accuracy and reducing false positives.

Certifications

- | | |
|--|----------|
| • Artificial Intelligence associate by Salesforce | Jan 2025 |
| • Oracle Gen AI Professional certificate by Oracle | Aug 2025 |
| • Data Analytics professional certificate by Google | Dec 2024 |
| • Data Science Professional certificate by IBM | Nov 2024 |
| • Business Intelligence professional certificate by Google | Oct 2024 |

Awards & Achievements

- **Cybersecurity Enthusiast** – Participated in **Cocoon International Cybersecurity Conference**, demonstrated **RFID & Flipper Zero** hacking.
- **Hackndore Hackathon Participant** – Developed AI and cybersecurity solutions in a national-level hackathon.
- **LeetCode Enthusiast** – Solved **700+ problems**, improving coding skills in **Python, SQL, and Data Structures**.

Hobbies and Interests: Playing chess, video editing, reading books, cooking