

Jyothir Raghavalu Bhogi

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Profile

AI and Software Engineering enthusiast with hands-on experience in **machine learning, LLMs, anomaly detection, and time series forecasting**. Skilled in **Python, C++, SQL**, and AI product development, with expertise in **debugging, full-stack AI applications, and problem-solving**. Passionate about bringing AI research into real-world applications.

Education

Lovely Professional University, Punjab, India

Bachelor of Technology in Computer Science and Engineering (2022 – 2026)

GPA: 7.00/10 (\approx 3.2/4.0 equivalent)

Skills

Programming Languages: Python, C++, Java, SQL

AI/ML Tools: LLMs, Scikit-learn, Pandas, NumPy, NLP, Time Series Forecasting, Anomaly Detection

Frameworks & Technologies: FastAPI, Flask, Node.js, React.js

Databases & Tools: SQL, Power BI, Git, JIRA (Agile)

Core Competencies: AI Product Development, Debugging, Data Analysis, Agile Methodology, Problem-Solving

Certifications

- **Generative AI with Large Language Models** – DeepLearning.AI
- **Introduction to Large Language Models** – Google Cloud
- **Machine Learning & Data Science** – Cipher Schools
- **Algorithms Specialization** – Stanford University (Coursera)
- **Python Programming Certificate** – Guvi

Experience

Software Engineering Intern, Y-Hills Learning (Remote) (Jan 2023 – Mar 2023)

- Developed and optimized **full-stack AI applications**.
- Implemented **debugging techniques**, reducing errors by **30%**.
- Applied **Agile methodologies (JIRA)** for rapid feature delivery.

Data Analyst Intern, Up-skillz Learning, Bangalore, India (Feb 2023 – Apr 2023)

- Analyzed large datasets using **Python, SQL, and Power BI**.
- Designed **time series forecasting** models with **89% accuracy**.
- Built **interactive dashboards** for business insights.

Projects

AI-Powered Social Goods Identification (July 2024 – Aug 2024)

- Developed an **LLM-based AI system** for social impact initiatives.
- Applied **NLP and anomaly detection** for issue identification.
- **Tech Stack:** Python, LLMs, NLP, Agile Tools (JIRA)

COVID-19 Time Series Forecasting (July 2024 – Aug 2024)

- Built an **AI-driven forecasting model** for COVID-19 progression.
- Achieved **89% accuracy** using **time series analysis**.
- **Tech Stack:** Python, Scikit-learn, Pandas, Time Series Forecasting

AI-Powered Mall Visitor Demographics Prediction (July 2024 – Aug 2024)

- Designed an ML model to **forecast consumer behavior**.
- Achieved **88% accuracy** with **feature engineering and model tuning**.
- **Tech Stack:** Python, Scikit-learn, Pandas, SQL

Achievements

- **Published 2 Research Papers** on AI-based Social Goods Identification and Movie Recommendation Systems.
- Founded a **2,500+ member LinkedIn AI and Software Engineering Community**.
- Recognized for **Debugging & Problem-Solving Skills** during internships.

Additional Information

- **Availability:** Internship (Full-Time), June 9, 2025 – August 15, 2025
- **Work Authorization:** Eligible to work remotely in the USA