Jyothir Raghavalu Bhogi

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GitHub: https://github.com/jyothir-369 — Portfolio: https://jyothir-369.github.io/BJR/

# 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 (***≈* **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 insight

**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