Jyothir Raghavalu Bhogi

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

# Profile

Detail-oriented Artificial Intelligence Intern with hands-on experience in machine learning (ML), deep learning, natural language processing (NLP), computer vision, and statistical analysis. Skilled in developing AI models, data mining, and algorithm optimization with proficiency in Python, C++, and SQL. Seeking to contribute to IDC India by supporting the development and deployment of innovative AI solutions.

# Education

## Lovely Professional University, Punjab, India

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

# Skills

**Artificial Intelligence & Machine Learning:** Machine Learning (ML), Deep Learning (DL), Natural Language Processing (NLP), Computer Vision (CV), Neural Networks, Data Mining, Statistical Analysis

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

**Frameworks & Tools:** TensorFlow, Scikit-learn, Pandas, NumPy, FastAPI, Flask

**Core Competencies:** AI Model Development & Optimization, Data Preprocessing & Feature Engineering, Algorithm Development, Statistical Analysis, Problem-Soving & Debugging

# Certifications

* **Generative AI with Large Language Models** – DeepLearning.AI
* **Introduction to Large Language Models** – Google Cloud
* **Machine Learning & Data Science** – Cipher Schools

# Experience

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

* Developed and optimized machine learning models for real-time AI applications.
* Improved system efficiency by 30% through advanced debugging and model fine-tuning.
* Collaborated with senior engineers using Agile methodologies (JIRA) to deploy AI-driven solutions.
* Assisted in the development and testing of deep learning algorithms for data classification tasks.

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

* Designed and implemented time series forecasting models achieving 89% accuracy.
* Conducted data mining and statistical analysis to improve predictive capabilities.
* Created interactive Power BI dashboards to visualize key data insights.
* Applied machine learning algorithms to optimize large-scale data analysis workflows.

# 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.