

# Jyothir Raghavalu Bhogi

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## PROFILE

Junior Python Developer and AI enthusiast with practical experience in analyzing and developing LLM-based applications. Skilled in Python programming, code debugging, and evaluating machine-generated responses. Strong grasp of English grammar and semantics with proven ability to assess AI performance in linguistically complex tasks. Adept at bridging the gap between language and logic in LLM evaluation and software development.

## EXPERIENCE

### AI/ML Engineer Intern

Y-Hills Learning – Remote (Jan 2023 – Mar 2023)

- Developed and evaluated full-stack AI applications, emphasizing debugging and code optimization.
- Analyzed model outputs to improve reliability of AI systems by identifying inconsistencies and edge cases.
- Applied Agile practices (JIRA) and collaborated in code reviews to ensure high code quality.

### Data Analyst Intern

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

- Built forecasting models and evaluated data insights using Python and SQL.
- Delivered visual storytelling via Power BI dashboards, enhancing data clarity and interpretation.
- Supported quality assurance of code and logical structure in data pipelines.

## PROJECTS

### LLM-Based Social Goods Identification

Python, NLP, LLMs, JIRA

- Developed an AI system to identify and categorize social issues using LLM-generated text.
- Applied linguistic analysis and anomaly detection to evaluate response relevance.

### COVID-19 Time Series Forecasting

Python, Scikit-learn, Pandas

- Built predictive models using time series data and assessed accuracy of output (89%).
- Tuned code for precision and validated logical consistency of model predictions.

### AI-Based Decision Support System

Python, FastAPI, SQL

- Implemented backend logic in Python to generate and serve model decisions.
- Evaluated linguistic clarity and correctness of system feedback to end-users.

## EDUCATION

Lovely Professional University, Punjab, India

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

- Relevant Coursework: Web Technologies, Software Engineering, Data Structures

## TECHNICAL SKILLS

- **Programming & Tools:**  
Python, Java (basic), SQL, Git, REST APIs, JIRA, FastAPI
- **ML & AI:**  
LLMs (GPT, BERT), Scikit-learn, NLP, Time Series Analysis, Anomaly Detection
- **Other:**  
English Proficiency (Grammar & Syntax), Code Evaluation, Debugging, Agile Methodology

## 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

## KEY ACHIEVEMENTS

- Published 2 research papers on LLM applications and intelligent recommendation systems.
- Founded a 2,500+ member LinkedIn AI and software community.
- Recognized for code debugging and problem-solving during internships.
- Contributed to evaluating AI outputs in real-world scenarios.

## ADDITIONAL INFORMATION

- **Work Authorization: Eligible for remote roles**
- **Willing to Work On-site (Bengaluru): Yes, occasionally**
- **Languages: English (fluent), Telugu, Hindi**