**Jyothir Raghavalu Bhogi**

+91-6281073800 | [jyothirraghavalu369@gmail.com](mailto:jyothirraghavalu369@gmail.com) | [portfolio](https://jyothir-369.github.io/BJR/) | [GITHUB](https://github.com/jyothir-369/) | [linkedin.com/in/jyothir-raghavalu/](https://www.linkedin.com/in/jyothir-raghavalu-bhogi-059500252/)

**PROFILE**

AI and Software Engineering enthusiast with hands-on experience in machine learning, LLMs, and full-stack development. Skilled in Python, C++, and data analysis, with a track record of building AI products, predictive models, and solving real-world problems. Seeking to contribute to the AI Product and Engineering team at OneStream Software, leveraging my technical expertise and agile development skills.

**EDUCATION**

Lovely Professional University*Punjab, India*

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

* Relevant coursework in AI & Machine Learning
* CGPA: 7.00

**SKILLS**

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

**AI/ML Tools:** LLMs, Scikit-learn, Pandas, NumPy, NLP

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

**Development Tools:** JIRA (Agile), GitHub, SQL, Power BI

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

**CERTIFICATIONS**

* Stanford University – Algorithms Specialization (Coursera)
  + Topics: Divide-and-Conquer, Dynamic Programming, Graph Search, NP-Completeness
* Python Programming Certificate – Guvi (June 2023)
* Machine Learning & Data Science – Cipher Schools (May – July 2023)
* Generative AI with Large Language Models – DeepLearning.AI
* Introduction to Large Language Models – Google Cloud

**EXPERIENCE**

Software Engineering Intern

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

* Developed and optimized front-end solutions, enhancing user interface and customer experience.
* Applied agile methodologies for rapid feature delivery and iterative development.
* Strengthened problem-solving and communication skills through collaboration in a dynamic team environment.

Data Analyst Intern

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

* Analyzed large datasets using **Python** and **statistical techniques**, delivering actionable insights to support **data-driven decisions**.
* Created **interactive dashboards** using Power BI to improve stakeholder decision-making.
* Improved project outcomes by **optimizing data pipelines** and implementing **agile** workflows.

**PROJECTS**

**LLM Approach for Identifying Social Goods (July 2024 – Aug 2024)**

* Engineered an AI-based system leveraging Large Language Models (LLMs) to identify and support social impact initiatives in India.
* Improved decision-making through multilingual and regional issue identification, delivering 87% accurate insights.
* Tech Stack: LLMs, NLP, Python, Agile Tools (JIRA)

**Covid-19 Prediction Model *(July 2024 – Aug 2024)***

* Developed a forecasting model to predict Covid-19 progression using key variables like mobility trends and government interventions.
* Achieved 89% accuracy in forecasting Covid-19 cases by optimizing model parameters and applying advanced data preprocessing.
* Tech Stack: Python, Scikit-learn, Pandas

**Mall Visitor Demographics Using AIML *(July 2024 – Aug 2024)***

* Designed an ML model to analyze visitor demographics and forecast consumer behavior, enhancing marketing strategies.
* Improved customer behavior predictions with 88% accuracy by employing feature engineering and model tuning.
* Tech Stack: Python, Scikit-learn, Pandas

**Movie Recommendation System *(Oct 2022 – Dec 2023)***

* Created a recommendation platform that predicts user preferences using machine learning algorithms.
* Increased recommendation accuracy by 85% through enhanced data preprocessing and personalized model adjustments.
* Published a research paper documenting algorithm optimization and its impact on user-centric recommendations.
* Tech Stack: Python, Scikit-learn, Pandas, NumPy

**ACHIEVEMENTS**

* Published 2 Research Papers on AI-based Social Goods Identification and Movie Recommendation Systems.
* Established a 2500+ member LinkedIn community focused on AI and software engineering.