**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**

Analytical thinker specializing in risk analytics, machine learning, and data interpretation. Skilled in extracting insights, developing algorithms, and streamlining workflows. Demonstrates expertise in SQL, Python, R, and Databricks. Adept at solving complex problems, collaborating across teams, and delivering strategic solutions that enhance decision-making and operational efficiency.

**EXPERIENCE**

**AI/ML Engineer Intern**

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

* Designed and implemented three innovative algorithms, decreasing computational time by 30% through advanced error analysis and system optimization.
* Applied Agile methodologies using JIRA, accelerating feature delivery by 25% via iterative refinement and incremental updates.
* Enhanced deployment accuracy by 20% through pipeline scalability and performance tuning, optimizing model execution.

**Data Analyst Intern**

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

* Constructed a time-series model achieving 89% predictive precision, strengthening forecasting capabilities for business intelligence.
* Processed over 10GB of diverse datasets with Python and SQL, refining workflows to boost efficiency by 30%.
* Developed dynamic Power BI dashboards, reducing manual reporting by 40% and enabling faster data visualization.

**PROJECTS**

**Risk Analytics & AI-Driven Dashboards (Feb 2024 – Present)**

* Built intelligent dashboards to monitor risks, streamlining reporting by 50% through automated data aggregation.
* Engineered systems for workflow automation, improving process efficiency and enhancing operational transparency.
* Tools: Python, SQL, Databricks, Power BI, JIRA

**AI-Based Decision Support System (July 2024 – Aug 2024)**

* Formulated a risk-assessment framework utilizing machine learning, improving prediction accuracy and facilitating decision-making.
* Optimized data pipelines processing 500,000+ entries, ensuring real-time monitoring and faster insights.
* Tools: Python, SQL, NLP, FastAPI, Tableau

**EDUCATION**

Lovely Professional University*Punjab, India*

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

* Focus Areas: **Risk Analytics**, **Project Oversight,** and **Data Modeling**
* CGPA: 7.00

**SKILLS**

* **Languages:** Python, SQL, R, C++
* **Analytics Tools:** Power BI, Tableau, Databricks, Excel (Advanced)
* **AI/ML Frameworks:** TensorFlow, PyTorch, Scikit-learn
* **Project Oversight:** Agile (Scrum), JIRA, Smartsheet
* **Data Processing:** Statistical Modeling, Data Wrangling, Query Optimization
* **Cloud Services:** AWS, Azure AI Studio
* **Version Control:** Git, REST APIs

**CERTIFICATIONS**

* Project Management Essentials – Google Project Management
* Generative AI with Large Language Models – DeepLearning.AI
* Business Analytics & Data Visualization – Coursera
* Introduction to Large Language Models – Google Cloud

**KEY ACHIEVEMENTS**

* Created advanced risk-tracking dashboards, facilitating real-time oversight and strategic evaluation.
* Published two research papers on AI applications for social welfare and decision-support systems.
* Founded a 2,500+ member community on LinkedIn, promoting thought leadership in AI and risk analytics.

**ADDITIONAL INFORMATION**

* **Availability:** Summer Internship – 12 Weeks (June 2025 Start)
* **Focus Areas:** Risk Analytics, AI for Automation, Data Strategy
* **Working Style:** Detail-oriented, proactive, adaptable