Jyothir Raghavalu Bhogi

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Education

Lovely Professional University 2022 – 2026
B.Tech in Computer Science and Engineering, Jalandhar, Punjab

Technical Skills

Languages: JavaScript, Python, C++, Java, DSA
Technologies/Frameworks: Node.js, React, MongoDB, Docker, AWS, GCE, Cloudflare, Expo, AI/ML (OpenAI, Hugging Face, Anthropic)
Tools: Git, Pandas, NumPy, Matplotlib, Docker
Soft Skills: Problem-Solving, Team Collaboration, Mentorship, Project Management

Experience

Python, Data Science
& Machine Learning Intern May 2023 – July 2023
Cipher Schools

- Developed predictive models using Python, Pandas, and NumPy, ensuring high accuracy.
- Worked with cloud services to manage and analyze large-scale datasets.
- Improved performance of AI models by optimizing hyperparameters and data preprocessing pipelines.

Projects

Covid-19 Prediction Model Aug 2023

- Built an AI-powered forecasting system for Covid-19 trends based on mobility patterns and government policies.
- Used Scikit-learn, Pandas, and cloud computing resources for scalable processing.
- Contributed to public health decision-making through actionable insights.

Movie Recommendation System (AI/ML) Oct 2023

- Designed a recommendation system using machine learning techniques, achieving 85% accuracy.
- Implemented in Python with Scikit-learn, Pandas, and NumPy.
- Focused on personalization and user behavior analysis.

Open Source Contributions

- Actively contributed to open-source AI/ML projects and repositories.
- Developed and optimized backend services using Node.js and MongoDB.
- Collaborated with teams on GitHub to improve project performance and scalability.

Certifications

- **Data Structures and Algorithms** (C, C++) – Coursera
- **Getting Started with AI and Machine Learning** – LinkedIn Learning
- **Cloud Computing with AWS** – Udemy