

Bhavana Praneeth

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SUMMARY

Dedicated Machine Learning Engineer with a strong background in data analysis, web development, and competitive programming. Proficient in Python, Flask, SQL, and data visualization tools. Seeking to apply my skills and project experience in a challenging role where I can solve real-world problems.

EXPERIENCE

Artificial Intelligence and Machine Learning Intern

June 2024 – July 2024

- Completed an 8-week internship focused on Artificial Intelligence and Machine Learning.
- Gained hands-on experience in AI/ML concepts and technologies, leveraging the IBM SkillsBuild Platform.

PROJECTS

Automated GitHub Pull Request Review System

Group Project, Online

Github

Developed an automated GitHub code review system integrating LangChain and Cohere with advanced sentence embeddings and FAISS indexing for file retrieval. Reduced code review time by 70%, enhancing team efficiency by 8%. The system provides detailed, context-aware feedback on pull requests, emphasizing best practices, security, and optimization in code structure and documentation.

Cancer cell prediction

Personal Project, Online

Github

Developed a cancer cell prediction model using the AdaBoost algorithm, achieving an accuracy of 95.74%. This model demonstrates high precision in identifying cancerous cells, contributing to reliable early detection and assisting in streamlined diagnostic processes.

Python Projects

Github

- **Auto Swipe on Tinder:** Automated the process of swiping on Tinder using Selenium for web automation.
- **Auto Job Applications on LinkedIn:** Scripted an automation tool to apply for jobs on LinkedIn, interacting with the platform's APIs.
- **Automate Birthday Emails/SMS:** Developed a script to automatically send birthday greetings via email and SMS using SMTP and Twilio API.

EDUCATION

B.Tech in Computer Science Engineering

SRM University - AP, Andhra Pradesh

2027

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Bash, JavaScript

Frameworks & Libraries: FastAPI, Flask, scikit-learn, NumPy, Pandas, Matplotlib, Langchain

Databases: SQLite, SQL

Frontend: HTML, CSS