Soha Farhana

✉ gmail.com 📞 +91-9603960234 🔗 Portfolio in SohaFarhana ⚙ SohaFarhana05

Education

Indian Institute of Technology, Madras (IIT-M) *Jan 2024 – Current*
Bachelor of Science (Data Science)
- CGPA: 8.67/10.00 (Profile ↗)
- **Coursework:** Machine Learning, Data Structures, Buisness Data Management

National Institute of Technology, Andhra Pradesh (NIT-AP) *Nov 2022 – Current*
Bachelor of Technology (Computer Science)
- CGPA: 8.2/10.00
- **Coursework:** Data Structures, Computer Networks, DBMS, NLP, Machine Learning

Experience

Artificial Intelligence Intern *Nov 2024 – Mar 2025*
Infosys SpringBoard
- Built an AI system to convert alt text into context-aware descriptions, enhancing accessibility for users.
- Using advanced machine learning techniques and langchain for development.

Contributor
GirlScript Summer of Code *May 2024 – Dec 2024*
- Enhanced web development and Python projects on GitHub through open-source contributions and fixed critical bugs in a core Python library project.

Projects

Keyboard Word Prediction *Word-Prediction ↗*
- Built a web-based word prediction system that suggests the next possible word as the user types
- Utilized N-gram language models and JS to enable real-time predictions and smooth typing experience
- Tools Used: HTML, CSS, JavaScript, N-gram Models

Resume ATS Score Checker (Work in Progress) *ATS-Score-Checker ↗*
- Currently developing a web-based tool that analyzes resumes and evaluates their compatibility with ATS
- Extracts keywords, compares them with job descriptions, and provides actionable feedback
- Tools Used: Python, Flask, NLP, OpenAI API

Personal Portfolio Website *Portfolio ↗*
- Created a responsive and visually appealing personal portfolio to showcase projects, skills, and achievements
- Integrated project links, GitHub repositories, and interactive design for improved user experience
- Tools Used: HTML, CSS, JavaScript

Achievements

- Semi-finalist at Google Girl India Hackathon '25
- Secured HackerRank SQL Intermediate Certificate
- Finalist at JPMC Code for Good '25 (Results Awaited)

Technologies

Languages: Python, Java, SQL, C/C++, Unix/Linux environments, JavaScript

Technologies: PyTorch, TensorFlow, NumPy, Soaware Development, TCP/IP