

SAMAGRA SHRIVASTAVA

+91 9755775332 | samagra44@gmail.com | LinkedIn | Github | Portfolio

B.Tech Computer Science student with expertise in Python, Machine Learning, and Web Development. A strong problem-solver with excellent communication skills, eager to contribute to cutting-edge, innovative projects.

WORK EXPERIENCE

JS TECH ALLIANCE | ARTIFICIAL INTELLIGENCE ENGINEER

FEB 24 – OCT 24

- Developed and managed LLM APIs, enhancing response accuracy and efficiency in user interactions.
- Collaborated with cross-functional teams to identify and implement strategies for enhancing data projects.
- Designed and implemented a custom LLM, demonstrating advanced NLP expertise.
- Conducted prompt engineering to optimize bot responses for better user understanding.

EDUCATION

Acropolis Institute of Technology and Research

2020-2024

Course: B.Tech in CSE, CGPA: 8.16

SKILLS

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|-------------------------------|---|
| Programming Languages: | Python, HTML, CSS, JavaScript, SQL. |
| Libraries/Frameworks: | Pandas, Transformers, Scikit-Learn, Django, Flask, Langchain, Llamaindex. |
| Tools/DBMS: | Git, Github, Netlify, MYSQL, Open Source LLM (Gemini, Mistral, OpenAI). |
| Soft Skill: | Collaboration, Planning and prioritizing, Self-discipline, Work ethic. |

PROJECTS

AI-POWERED CAREER GUIDANCE CHATBOT | [Github](#)

Feb 24 – March 24

- Implemented AI chatbot for personalized career guidance, enhancing decision-making process.
- Used Gradient API for efficient cloud-based model training and resource utilization.
- Optimized training by data segmentation, improved accuracy, and deployed model using GitHub Actions.

E-COMMERCE DELIVERY PREDICTION | [Github](#)

Jan 24 – Feb 24

- Implemented ML models with 87% accuracy in predicting timely deliveries, enhancing logistics and customer satisfaction.
- Analyzed customer behavior and logistics, showcasing proficiency in data analysis and feature engineering.
- Applied Python for data preprocessing and model evaluation, driving effective e-commerce decisions.

AI POWERED UI-TO-CODE CONVERSION TOOL | [Github](#)

Jan 24 – Feb 24

- Developed Streamlit app using Google AI to convert UI images to responsive HTML with inline CSS.
- Implemented AI-driven image analysis for detailed UI descriptions and code.
- Implemented a user-friendly interface for uploading images and generating downloadable, responsive HTML code files.

CERTIFICATIONS

- Machine Learning with Python** | DeepLearning.AI
- Career Essentials in Generative AI** | Coursera & LinkedIn
- Programming Essentials in Python** | Cisco

ACHIEVEMENTS

TCI Hackathon 2024 – Prediction of Gas Spring Health in Electrical Power Liftgate: Ranked in the top 5 best performers for developing ML model to predict Gas Spring health in electrical power liftgate systems using real-world automotive data.