

# SAMAGRA SHRIVASTAVA

+91 9755775332 | [samagra44@gmail.com](mailto:samagra44@gmail.com) | [LinkedIn](#) | [Github](#) | [Portfolio](#)

B.Tech Computer Science student skilled in Java, Python, machine learning, and web development. Strong problem-solver and communicator, seeking to contribute to innovative projects.

## EXPERIENCE

### JS TECH ALLIANCE | ARTIFICIAL INTELLIGENCE ENGINEER

FEB 24 - PRESENT

- Developed and curated comprehensive datasets, enhancing the company's data resources for various analysis.
- Collaborated effectively with cross-functional teams to identify and implement opportunities for expanding and improving data-driven initiatives.
- Designed and implemented a custom Large Language Model (LLM), demonstrating expertise in advanced natural language processing techniques.
- Executed end-to-end data pipeline processes, including data cleaning, processing, loading, and web scraping also ensuring high-quality data for analysis and model training.

## EDUCATION

### Acropolis Institute of Technology and Research

2020-2024

Course: B.Tech in CSE, CGPA: 8.16

### St. Mary's Convent Senior Secondary School | Class 12th

2019-2020

Percentage: 88.6

## SKILLS

<b>Programming Languages:</b>	Java, Python, HTML, CSS, JavaScript, SQL.
<b>Libraries/Frameworks:</b>	Pandas, PyTorch, Scikit-Learn, Django, Flask, Langchain, Llamaindex.
<b>Tools/DBMS:</b>	Git, Github, Netlify, MYSQL, Open Source LLM (Gemini, Mistral, OpenAI).
<b>Soft Skill:</b>	Collaboration, Storytelling, 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** | Coursera
- Programming Essentials in Python** | PCAP
- Career Essentials in Generative AI** | Coursera & LinkedIn