

# Maryam Arshad

(+92) 321-5444968 | [linkedin.com/in/maryam-arshad015/](https://www.linkedin.com/in/maryam-arshad015/) | [github.com/maryamarshad015](https://github.com/maryamarshad015) | [vercel.com/maryam-arshads-projects](https://vercel.com/maryam-arshads-projects)

## EDUCATION

**Pak-Austria Fachhochschule IAST University**

**Haripur, Pakistan**

*Bachelor of Science in Artificial Intelligence- GPA: 3.21*

*Expected: Dec2026*

- **Relevant Courses:** Machine Learning, Data Analysis and Algorithms, Calculus, Linear Algebra, Discrete Math
- **Certificates:** Crash Course on Python @Google, Supervised Machine Learning: Regression and Classification @DeepLearning.AI, Get Started with Python @Python, Go Beyond the Numbers: Translate Data into Insights @Google.

## SKILLS

**Languages/Frameworks:** Python, JavaScript, TypeScript, C++, Tailwind CSS, React.js, Next.js,

Firebase, Vercel, Streamlit, MySQL

**Machine Learning:** Pandas, Matplotlib, NumPy, Scikit-learn, Seaborn, Tableau

**Developer Tools:** VsCode, Git, GitHub Google Colaboratory, Anaconda Jupyter Notebook

## WORK EXPERIENCE

**HeadStarterAI**

**Remote**

*Software Engineering Fellow*

*Aug2024 - Sep 2024*

**Skills Utilized:** FireBase, Next.js, React.js, JavaScript, Gemini/OpenAI APIs, Clerk, Stripe, Vercel

- In a team of three, I created a **FlashCardsAI** app that generates flashcards of a user's input text prompts
- Integrated the **Gemini API**, achieving efficient and accurate text-to-flashcard transformation for real-time response.
- Integrated **Clerk** for user authentication and **Stripe** for payment processing, ensuring security and ease of use.
- Successful App Deployment on Vercel: <https://lnkd.in/dP2ZmA7m>

**KaiRiz Cyber Technologies (SMC-Private) Limited**

**Remote**

*AI Engineer Intern*

*June 2024 – Aug 2024*

**Skills Utilized:** Python, Pandas, Matplotlib, NumPy, Scikit-learn, Seaborn, Tableau

- Conducted an in-depth **Titanic dataset** analysis from **Kaggle**
- Applied advanced ML **models** on the Titanic dataset, including **Random Forest** and **Support Vector Machine (SVM)**
- Calculated **AUC scores** and related performance metrics
- Developed and integrated a chatbot on **Dialogflow** with **Slack**

## PROJECTS

**AI Chatbot with LangChain and Streamlit- [GitHub Repo Link](#)**

**Skills Utilized:** Python, LangChain, Streamlit, Groq API, Llama-3.1-8b

- Developed an interactive chatbot using **LangChain** and **Streamlit**, enabling real-time, AI-powered conversations.
- Integrated the **Llama-3.1-8b** language model from **Groq** to ensure sophisticated and responsive user interactions.
- Leveraged **Groq API** for robust access to the Llama model, enhancing chatbot performance and capabilities.
- Deployed the application on Streamlit, making it accessible for live demonstrations and testing. [Streamlit Chatbot](#)

**Data Analysis - Google**

**Skills Utilized:** Python, Pandas, Seaborn, Numpy, Matplotlib, Jupyter Notebook

- **New York City TLC (Taxi and Limousine Commission) Project:** Performed data analysis on taxi fare patterns using data from over 200,000 licensees and one million daily trips.
- **TikTok Project:** Conducted data analysis to identify trends in user reports for classifying videos containing claims or opinions.
- **Waze Project:** Analyzed user data to uncover key factors contributing to churn and retention in the Waze app.
- Worked on Tableau and created DashBoards. [Github Repo Link](#)