Musab Sarmad Mir

📞 +92 3400433023 ✉ musabsarmadmir@gmail.com 🔗 Portofolio 🐙 Github 🔗 LinkedIn

Education

FAST-NUCES	**August 2023 - May 2027**
Computer Science	Bachelors of Science, Fintech

Relevant Coursework: DSA, OOP, Database Systems

Experience

MindStorm Studios	**May 2024 - August 2024**
Game Developer Intern	Lahore, Pakistan

Developed Skycraft, a 2D pixel-style game for Rookie Game Jam 2024, utilizing Unity and C# to create an engaging and intuitive game environment, achieving a user satisfaction rating of 92%;

HeadStarterAI	**July 2024 - September 2024**
Software Engineer	Remote, USA

Developed and deployed 5 AI projects in 5 weeks using React.js, Next.js, Firebase, Groq AI, and Vercel, boosting deployment efficiency by 40%. Built AI-powered customer support and SaaS products with Llama 3.1, Pinecone, and Stripe, increasing user engagement by 30–70%. Automated data scraping and RAG pipelines to optimize user response times by 50%. Collaborated with engineers from Google, Amazon, and YC startups, growing professional network by 25%;

Projects

NLP-Resume-Analyzer   **April 2025**

- Implemented Named Entity Recognition and NLP pipelines to parse resumes and extract key entities (education, work experience, skills) using NLTK and custom scripts
- Developed a Python application with PyPDF2 for PDF parsing and Tkinter GUI for interactive score visualization
- Designed and integrated a Fintech database schema for storing parsed data as part of a 4th-semester project

Python, NLP, NLTK, PyPDF2, Tkinter, SQLite, Entity Recognition

RMP-AI   **August 2024**

- Authored Jupyter notebooks combining data preprocessing and ML algorithms (e.g., sentiment analysis) to predict professor/course ratings
- Built a complementary JavaScript front-end for user interaction and visualization of predicted satisfaction scores

Python, Jupyter Notebook, pandas, Sentiment Analysis, scikit-learn, JavaScript, Data Visualization

Skills

Skills

● ● ● ● ○

Python, NLP, NLTK, PyPDF2, Tkinter, SQLite, scikit-learn, pandas, Jupyter Notebook, JavaScript, React.js, Next.js, HTML5, CSS3/SCSS, Client-Server Architecture, Real-Time Audio Streaming, Game Development, Physics Engine, HTML5 Canvas, Git, Vercel, Firebase, Serverless Functions, CI/CD, Data Visualization