

SYED BASIT ABBAS

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EDUCATION

SUPERIOR UNIVERSITY LAHORE

2023 – Current

Bachelor's in Data Science

- Relevant Coursework: Machine Learning, NLP, Deep Learning, Cloud Computing, AI, Generative AI, InfoSecurity, Computer Networks, Data Warehousing, Reinforcement Learning, Data Structures, Database Management, Web Development

SKILLS

- **Programming Languages:** C, C++, Python, SQL, HTML, CSS, JavaScript
- **Data Analysis:** SQL Server, Matplotlib, Seaborn
- **Tools:** VS Code, Google Colab, Jupyter Notebooks, Git/GitHub,
- **Mathematics for ML/DL:** Linear Algebra, Calculus, Probability, Statistics.
- **Generative AI:** OpenAI API, Prompt Engineering, RAG, AI Agents, Tool Calling, MCP, Vector Databases, Embeddings, Conversation Memory, Semantic Search.
- **Web Development:** Django, Flask, React, Nest.js , Nest.js Node.js, Express.js, HTML5, CSS3, JavaScript, RestAPIs
- **Soft Skills:** Problem-solving, Collaboration and Teamwork, Attention to Detail, Creativity and Innovation, Time Management and Prioritization, Communication, Critical Thinking and Analytical Skills, Leadership

PROJECTS

Full-Stack Project: AI-Powered Project Management System

- Developed a complete project management where admin can add project and tasks for that project and assign task for that project to users. Admin can also ask some queries to chatbot like this task is assigned to which user what tasks are of this user.
- Used Next.js , Next.js and Postgresql , jwt authentication and OpenAI API key for chatbot

MCQ Generator

- Developed a full-stack MCQ Generator where user can test himself and check his grades of quiz as well. User can also upload a file.
- Used Next.js for frontend and also for authentication using Next Auth , Flask for python OPEN AI Model apis, Mongo DB to store users data and his chats.

Medical ChatBot

- Developed a full-stack Medical Chatbot where user ask anything about medical. Fine tuned it on a medical article (RAG).
- Used Next.js for frontend and also for authentication using Next Auth , RAG , Flask for python OPEN AI Model apis.

Real-Time Currency Converter

- Built a real-time currency converter that lets users easily convert between different currencies using live exchange rates from an API
- Used plain css , html and javascript.

Password Manager

- Built a secure and user-friendly Password Manager where users can store, manage, and organize their website credentials effortlessly.
- Used MERN stack for this project .

To-Do List web application

- Developed a dynamic To-Do List web application that allows users to efficiently manage their daily tasks.
- Used Just react as it was just a CRUD based project for learning.