

Arsalan Bashir

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EDUCATION

Commission on Science and Technology for Sustainable Development in the South (COMSATS) 2020 – 2024

BSc. (Hons) Software Engineering

Relevant Courses: Full Stack Web Development and Mobile Development

EXPERIENCES

Proximate Solutions

July 2023 – Sep 2023

Full Stack Web developer (React + Django)

- Set up and managed relational databases (e.g., PostgreSQL) for storing user data and chat history, demonstrating knowledge in database design, optimization, and maintenance.
- Utilized state management libraries (e.g., Redux or Context API) to manage application state efficiently, ensuring smooth and responsive user interactions.
- Developed secure user authentication and authorization mechanisms, including JWT (JSON Web Tokens), ensuring the application's data security and user privacy.

Ilm o Irfan Technologies

July 2023 – Aug 2023

Frontend Developer (React + Django)

- Worked alongside designers to ensure UI/UX consistency and implemented responsive designs
- Developed clean and reusable React components to enhance code maintainability and scalability.
- Participated in code reviews and team meetings to discuss project requirements, progress, and improvements.

PROJECTS

Web Application (React + Django)

Jan 2024 – May 2024

- Developed a full stack web application for a smart recruitment system using Large Language Models (LLMs).
- Implemented a Resume Ranker feature to match candidates' resumes with job descriptions.
- Created Easy Apply functionality with automatic resume data parsing.
- Developed an AI interview module to detect body posture, generate interview questions, and provide results.

AI Web Chat Application (React + Django)

Apr 2023 – May 2023

- Implemented WebSockets to enable real-time chat functionality, providing users with a seamless, live messaging experience.
- Successfully integrated AI models (e.g., NLP models like GPT) into a web application, showcasing the ability to work with advanced machine learning frameworks and APIs.
- Designed and implemented RESTful APIs in Django for handling chat messages, user authentication, and data retrieval, illustrating proficiency in back-end service creation and management.

Extra & Co-Curriculum Activities

- Participated in UCP TAKRA Programming Hackathon 2023
- Participated in ITU GDSC Programming Hackathon
- Director of Technology Department – IEEE RAS CUI
- Co-Lead of Google Development Student Club CUI
- Participated in Google Solution Challenge 2023
- Campus Ambassador – Artificial Intelligence Community of Pakistan

Skills and Interests:

Skills: React, Django, PostgreSQL, Firebase, Redis, Django Channels, Python, Html, Css, Javascript

Interests: Watching Anime, Cricket, Gaming