

ZAIN JAMSHaid

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EDUCATION

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology
Bachelor of Science in Software Engineering

Topi, KPK
(Sep 2023 – June 2027)

Forman Christian College, University
Fsc Pre-Engineering
PROFESSIONAL EXPERIENCE

Lahore, Punjab
(July 2021 – July 2023)

Event Coordinator

Aug. 2023 – Present

Ghulam Ishaq Khan Institute of Engineering and Technology - GIKI Chapter

Topi, Pakistan

- Sub head for All Pak Hackathon arranged by ACM GIKI, managed logistics for 250+ participants.
- Event head for Speed Programming Competition arranged by GDGOC, overseeing a 15-person volunteer team and a budget of PKR 35,000.

TECHNICAL SKILLS

Languages: C/C++, SQL (Postgres), JavaScript, HTML/CSS.

Frameworks: Next JS, React, Node.js

Developer Tools: Git, VS Code, QT Creator, Digital Ocean.

Libraries: Tailwind CSS

PROJECTS

Complete Restaurant Website for Tipu Restaurant

Built full-featured website for Tipu Restaurant with online ordering and admin-managed menu.

- Integrated admin portal to manage menu (categories, subcategories, items), discounts, delivery zones, and order statuses (pending, fulfilled).
- Added analytics dashboard to display revenue statistics and visual graphs for business insights.
- Developed in Next.js, with MongoDB for data storage and Firebase for image handling.

Real time Chatting Application

Real-time chat app with secure authentication and modern UI for seamless communication.

- Implemented email verification using Nodemailer to reduce fake sign-ups.
- Added dark mode for improved user experience
- Developed using Express.js, EJS, Socket.IO, and MongoDB for real-time messaging functionality.

Social Connect

A social networking platform enabling interactions, post sharing, and friend connections, featuring:

- Developed post management (create, like, comment) and friend request system with mutual friend suggestions.
- Utilized custom data structures (Linked Lists, Stacks, Trie) and algorithms (e.g., Merge Sort) for efficient data handling
- Built responsive frontend in React.js and backend in C++ (Crow).

GIKI Chatbot

Developed an AI chatbot to answer university-related queries using relevant data.

- Scraped data from various university social media platforms to gather up-to-date information.
- Implemented a Retrieval-Augmented Generation (RAG) system to enhance response accuracy and context relevance.

Soft Skills

Communication, Leadership, Teamwork, Efficiency, Problem-Solving, Compliance, Resilience, Networking