

MUHAMMAD DANISH

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EDUCATION

University of Engineering and Technology Lahore, Pakistan

Nov 2021 – June 2025

Bachelor of Science in Computer Science

CGPA 3.63

SKILLS

PROGRAMMING LANGUAGES | Python, C, C++, C#

TECHNICAL SKILLS | React, Flutter, ASP.Net, Node.js, REST APIs, Next.js, PostgreSQL, MongoDB, Firebase, MySQL

DEVELOPER TOOLS | Visual Studio, Android Studio, VS Code, Google Colab, Postman, Git, GitHub, Jira

PROJECTS

AI-Powered No-Code Website Builder | Next.js, PostgreSQL, Clerk, Jotai, Llama 3.2, Vercel | [Link](#)

April 2025

- Developed AI-driven website builder using Llama 3.2 LLM, enabling users to generate multi-page websites through natural language prompts and iterative refinement
- Implemented automatic Vercel deployment functionality with 1-click publishing, handling DNS configuration and hosting management for users
- Designed version control system with snapshot tracking, allowing users to revert to previous website versions with historical data preservation
- Built full-stack architecture with Next.js frontend, PostgreSQL database, and Jotai state management, achieving 98% API reliability rate
- Integrated Clerk authentication with role-based access control, supporting 3rd-party OAuth providers and secure session management
- Created intuitive editor with real-time collaboration features, reducing typical website development time by 70%

Full-Stack Developer Portfolio | React, Node.js, Express, MongoDB | [Link](#)

July 2024

- Developed a visually appealing and fully responsive portfolio website using React to showcase personal projects and skills.
- Designed an interactive and user-friendly UI with modern styling for an enhanced browsing experience.
- Ensured cross-device compatibility and optimized website performance for faster load times and smooth navigation.

AI Bowling Action Analyzer | Python, MediaPipe, OpenCV | [Link](#)

May 2024

- Developed computer vision system detecting illegal bowling actions with 80% accuracy using MediaPipe pose estimation and angle calculation algorithms
- Automated frame-by-frame analysis of 240fps video input, reducing manual inspection time by 70% through keyframe extraction optimization

Restaurant Management Platform | Flutter, Node.js, MongoDB | [Link](#)

December 2023

- Built food ordering system serving 50+ restaurants, processing 500+ orders monthly with Local payment integration and real-time notifications
- Reduced order processing time by 30% through optimized MongoDB aggregation pipelines

Academic Project Management Suite | C#, WPF, SQL Server | [Link](#)

April 2023

- Automated student-supervisor matching for 2000+ users using Hungarian algorithm, improving allocation efficiency by 65%
- Generated interactive dashboards with LiveCharts integration, enabling data-driven decisions through milestone tracking visualization

Social Media Clone with 1k+ Users | Flutter, Firebase

December 2022

- Scaled social platform to handle 1k+ concurrent users using Firestore sharding and Cloud Functions for real-time feeds
- Implemented image compression pipeline reducing upload sizes by 75% while maintaining 98% visual quality retention

KEY ACHIEVEMENTS

- 1st Position in ITECH Project Exhibition 2025:** Secured top position among 100+ projects from various universities for developing an **AI-Powered No-Code Website Builder with Version Control**, showcasing innovation and technical expertise in AI and web development. [Certificate](#)
- CS Teaching Assistant:** Mentored 100+ students as a Teaching Assistant, improving lab completion rates by 40% through hands-on C++ workshops and code review automation tools. [Certificate](#)
- Top 0.1% Academic Rank:** Achieved #1 position among 15,500+ Computer Science students in Faisalabad Board (2021 ICS Exams), demonstrating exceptional academic performance and technical aptitude. [Certificate](#)
- 2x Institutional Excellence Awardee:** Recognized as Best Student (2020, 2021) with 98% marks through optimized study systems and showcasing consistent academic excellence and dedication. [Certificate](#)