Asghar Ali

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PROFILE

Motivated Computer Science student with strong programming skills and experience in team-based projects. Skilled in designing, testing, and documenting user-centered software solutions across front-end and back-end platforms. Eager to apply technical expertise and a growth mindset to innovative projects in a dynamic engineering environment.

EDUCATION

National University of Computer and Emerging Sciences, BS Computer Science   Aug 2022 – Present

- GPA: 3.24/4.0
- **Coursework:** Object Oriented Programming, Data Structures, Operating systems, Database systems,Design and Analysis of Algorithms

Cadet College Skardu   May 2019 – June 2021

- Percentile: 94%
- Pre Engineering

EXPERIENCE

Frontend Developer, The Bridge of Hopes – Karachi, Pakistan   Feb 2025 – Present

- Designed and developed a Student Portal by integrating backend services, API calls, and AI features; documented design decisions to support team collaboration and code maintainability.
- Developed reusable UI components using Kotlin and Jetpack Compose; participated in code reviews and adhered to team coding standards to ensure consistent quality.

Freelance Developer   June 2024 – Present

- Designed and developed diverse projects from small to large scale, utilizing front-end technologies (HTML, CSS, JavaScript, Firebase, Bootstrap, ReactJS, Material UI, NextJS) to deliver user-centric solutions.
- Implemented back-end systems using Nodejs, Expressjs, SQL, and MongoDB to ensure robust server-side functionality.
- Completed programming assignments using C/C++ and assembly language, demonstrating versatility in different programming paradigms and environments.

PROJECTS

CamPick   🔗 link

- Developed a website for university students / faculty to pre-order food from class / office, reducing wait times and avoiding rushes.

Realtime Device Tracker   🔗 link

- A family-oriented app for tracking loved ones' live locations while traveling, ensuring their safety. Built with Socket IO and Map API for real-time updates.

SMIT-admission portal   🔗 link

- An MERN stack application for student admissions that features secure authentication, OTP email verification, regional course enrollment, application tracking, and photo submission with blue background.

DFA Simulator   🔗 link

- A Web tool for exploring Deterministic Finite Automata (DFA) with interactive simulations, visualizations, and customizable parameters for hands-on learning.

Just Share   🔗 link

- Built a blog app enabling users to post, manage accounts, and view others' posts.

SKILLS

Web development: HTML, CSS, JavaScript, React JS, Bootstrap,Tailwind CSS, MUI, Node JS, Express Js, Next Js

Programming Languages: C++, Java, Python

Database: MongoDB, Firebase, sql

Others: Git, Postman, Linux.

CERTIFICATES

Google AI Essentials   🔗 link

Python Fundamentals   🔗 link

Web and Mobile App Development   🔗 link

AWARDS

Dean's List of Honors - FAST Nuces   🔗 link

VOLUNTEER EXPERIENCE

Student Volunteer - Orange Tree Foundation   🔗 link