

Arham Affan

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Objective

Frontend Developer with proven expertise in building scalable web applications using React.js, Next.js, and modern frameworks. Passionate about clean code, system architecture, and agile development to drive business growth.

Education

BS in Computer Science

FAST National University

Aug 2022 – Aug 2026

- GPA: 3.41/4.0

Honors and Awards: Dean's List of Honors

Experience

Teaching Assistant (TA)

NAVTTTC Program at IBA

Karachi, Pakistan

March 2025 – May 2025

- Assisting in delivering programming and AI-related courses to students under the National Vocational and Technical Training Commission (NAVTTTC) program at IBA.
- Designing practice exercises and assessments to enhance students' learning experience.

AI Developer Intern

HNH SOFT TECH SOLUTIONS PVT (LTD)

Karachi, Pakistan

June 2024 – Oct 2024

- Delivered a comprehensive AI-driven analysis tool that streamlined cryptocurrency research and supported the company's financial projects.
- Developed an AI-driven chatbot that improved customer service response times by 80%

Front-End Developer Intern

PROBYTE (PVT) LTD.

Karachi, Pakistan

June 2023 – Aug 2023

- Utilized version control systems such as **Git** to manage code changes and collaborate with other developers
- Developed interactive user interfaces using **HTML**, **CSS**, and **JavaScript** to enhance user experience

Skills

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, FastAPI, Bootstrap, Tailwind CSS, Langchain

Programming Languages: C, C++, Java, Python, JavaScript, Assembly x86

Database Management Systems: MySQL, MongoDB, SQLite

Technologies & Tools: Git & GitHub, Linux (Terminal Commands, Bash/Shell), Machine Learning, Generative AI

Projects

ACM NUCES Official Website

[GitHub](#) [Website](#)

- Built and deployed the official **Full-Stack** website for ACM NUCES Karachi Chapter to streamline event management and boost community engagement.
- Tools Used: React.js, Tailwind CSS, Node.js

E-Commerce Performance Optimization Platform

[GitHub](#) [Demo](#)

- Developed a high-performance, scalable **Full-Stack** E-Commerce platform with a focus on smooth user experience and modern UI.
- Tools Used: Next.js, React.js, MongoDB, Tailwind CSS

Aura – AI-Powered SaaS Website Builder

[GitHub](#) [Website](#)

- Built a full-stack **AI** SaaS platform that generates and deploys web apps using **OpenAI agents** and secure sandboxes.
- Enabled live code editing, agent-driven refactoring, user auth, billing, and one-click deployment in a seamless flow
- Tools Used: Next.js, React, Tailwind CSS, Prisma, PostgreSQL (Neon), tRPC, Inngest, E2B, OpenAI, Docker, Clerk

Cryptron Digital Asset Platform

[GitHub](#) [Demo](#)

- Developed a freelance frontend project for Cryptron using **React.js**, focusing on creating a responsive and modern UI/UX.
- Tools Used: React.js, Tailwind css