

# Arham Affan

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## Objective

**Full Stack Developer** with proven expertise in building scalable web applications using React.js, Node.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

**Database Management Systems:** MySQL, MongoDB, SQLite

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

**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