

MUHAMMAD SHAHRYAR AMJAD

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Education

Comsats University	Islamabad, Pakistan
<i>Bachelor of Science in Computer Science (CGPA: 3.26)</i>	2021 - 2025

Professional Experience

V3 Solutions Private Limited	Faisalabad, Pakistan
Empower businesses with cutting-edge IT support and bespoke software solutions.	

Junior React Native Developer (Intern) **Jul 2023 – Aug 2023**

– *Development: Built responsive React Native UI components and integrated APIs under guidance, gaining foundational mobile development skills.*

– *Testing & Debugging: Assisted in identifying and fixing UI/performance issues, contributing to app stability.*

Portus X	Faisalabad, Pakistan
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Delivering innovative software solutions with cutting-edge web and mobile technologies.

MERN Stack Developer (Employed) **Jul 2024 – Sep 2024**

– *Full-Stack Development: Built web applications using MongoDB, Express.js, React.js, and Node.js, implementing REST APIs and interactive UI components.*

– *Database Optimization: Designed schemas and tuned SQL/PLSQL queries to enhance performance and ensure data reliability.*

Academic Experience

SafeSitePlus – AI-Based Construction Worker Safety & Monitoring System	Comsats Islamabad, Pakistan
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An AI-powered prototype platform designed to enhance construction worker safety through computer vision-based monitoring of site activities.

Project Lead **Oct 2024 – May 2025**

– *Safety: Developed a MERN stack-based computer vision prototype to detect PPE non-compliance, falls, and hazardous behavior in construction videos, enhancing proactive safety monitoring.*

– *Human resources: AI-based monitoring and automated incident detection reduced manual oversight, improved safety risk identification, and enhanced targeted training on construction sites.*

Tools and Technologies:

MERN, JWT, OpenCV, AI/ML, Socket.IO, Git, Postman, Python, YoloV8, FastAPI, Gemini, MUI, Tailwind, MongoDB, DuckDuckGo, Langchain, Google Colab

Projects

AI Career Coach – Revolutionizing Job Preparation with AI - (Full Stack React Project)

– *AI-powered platform automating job preparation with features like AI Resume Builder, Cover Letter Generator, Mock Interview Prep, Career Insights, and Weekly Updates. Provides real-time feedback and personalized recommendations to enhance job seekers' success.*

Technologies:

Next.js, Tailwind CSS, Prisma, Gemini AI, Clerk, Vercel, Inngest, Shadcn UI

AI Finance Platform – (Full Stack React Project)

– *AI-powered finance platform offering financial insights, analytics, and secure user management.*

Integrated with AI-driven analytics and automation features for a seamless user experience.

Technologies:

Next.js, Tailwind CSS, Prisma, Gemini AI, Clerk, Inngest, Arcjet, clx Utility (CVA), Shadcn UI

Honors and Awards

ONLINE COURSES

– Introduction to Cybersecurity Awareness - HP LIFE	August 17, 2025
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CERTIFICATIONS

– Build with AI – Gemini & Geo Space Workshops - Powered by Google	April 2025
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– Web Bootcamp with LLM Workflows - Google Developer Groups on Campus - CUI	May 2025
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