

Talha Rizwan

SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

I am a motivated software engineering student with expertise in both frontend and backend development, coupled with strong database management skills. With hands-on experience in building full-stack applications and contributing to society projects, I aim to leverage my technical expertise and creative problem-solving skills in a forward-thinking organization.

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EDUCATION

Bachelors in Software Engineering | 2022 - 2025 (Present)

FAST NUCES, Islamabad

- Relevant Coursework: Software Quality Assurance (B+), Web Development, Data Structures, Object-Oriented Programming, Database Management Systems, Human-Computer Interaction, Software Engineering
- Cgpa: 3.01

PROJECTS

Research: Gamified 3D Platform for Teaching Software Quality Assurance

Final Year Project (In Progress), 2025

- Developing an educational tool in Unity that uses mini-games mapped to SQA concepts.
- Features include interactive quizzes, challenges, and level-based progression to enhance learning engagement.
- Tech Stack: Unity, C#

DeliveTree – Plant Nursery Management System

Remote Project (Pakistani-Turkish Organization), 2025

- Developed a platform to manage plant nurseries, donations, and plantation tracking.
- Implemented features for donation drives, volunteer coordination, and impact reporting.
- Tech Stack: React, Node.js

Galvan AI Website

Industrial Project (Internship), 2025

- Built a responsive AI solutions website with interactive animations and smooth user experience.
- Delivered production-ready features during internship.
- Tech Stack: Next.js, Python Flask, GSAP, Lenis

Brio Bazaar – E-commerce Platform

Semester Project, 2024

- Built a full-stack e-commerce platform with AI-powered chatbot and secure payment system.
- Integrated Cloudinary for image management and Stripe for payment processing.
- Tech Stack: React, Node.js, Cloudinary, Stripe, Gemini Chatbot

Software Engineering Society Website

Department Society Contribution | 2024-2025

- Designed a modern, responsive website prototype focusing on usability and clean layouts.
- Created a consistent design system with typography, color palettes, and components.

Tech Stack: Figma

EXPERIENCE

Full Stack Web Developer Intern

Galvan AI, Innovista Rawal — Mar 2025 – August 2025

- Building responsive UIs using Next.js, React.js, and Tailwind CSS.
- Developing backend features with Python Flask and integrating with REST APIs.
- Enhancing UX with reusable components, clean layouts, and animations via GSAP and Lenis.
- Collaborating in agile sprints and feature planning.

Full Stack Web Developer (Remote)

DeliveTree – Pakistani-Turkish Startup — 2025

- Developed a platform for donation management, plantation tracking, and volunteer coordination.
- Built responsive UIs in React.js and developed backend APIs in Node.js.
- Integrated donation workflows with impact reporting features.
- Collaborated with a cross-border team, participating in remote agile sprints.

SKILLS

- Frontend Development: React.js, Next.js, Angular, Three.js, HTML, CSS, JavaScript, Tailwind CSS, GSAP, Lenis
 - Backend Development: Node.js, Express.js, Python Flask, Spring Boot
 - Database Management: MySQL, MongoDB, Cloudinary (media storage)
 - Software Quality Assurance: Black-box Testing, White-box Testing, SonarQube, Cypress, Automated Testing, Python Scripting, Unit Testing, Test Case Design
 - DevOps & Deployment: Git, GitHub, Docker, Docker Compose, CI/CD Pipelines, REST APIs, Stripe Integration
 - Design & Prototyping: Figma, Adobe Photoshop, Adobe Illustrator, UI/UX Wireframing, Design Systems
 - Game Development: Unity, C# (Educational Mini-games, Gamification)
 - Research Interests: Gamified Learning, Software Quality Assurance Methodologies, Educational Technology
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