Syed Hashir Ali

Computer Science Student · Robotics & Event Leadership

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Summary

Computer Science student at GU Tech and two-time FIRST Global Challenge representative for Team Pakistan. Experienced in robotics, web development (Python, HTML, CSS, JavaScript), AI-assisted app building, event operations, and educational outreach; enjoys turning ambitious ideas into organized, working systems with a team.

Education

GU Tech (Ghazali University of Technology) Jun 2026 – Sep 2030 (expected)
BS Computer Science *Karachi*

The Lab School Jul 2024 – Jun 2026
A-Levels: Computer Science, Mathematics, Physics *Karachi*

IBA Grads (Chaajao) Oct 2025 – Jun 2026
ECAT Engineering Preparation *Karachi*

The Lab School Mar 2021 – Jun 2024
O-Levels: Pre-Engineering *Karachi*

Experience

Educational Outreach Representative Aug 2026 – Sep 2026
GU Tech

- Guided prospective students on academic pathways and tracked applicant progress through the admissions pipeline.
- Summarized applicant feedback, communication logs, and status updates to support faculty and management decisions.
- Coordinated between applicants, professors, and university leadership to streamline outreach workflows.

Vice President, Event Operations & Branding Lead (ROBOTRON '26) Oct 2025 – Mar 2026
SRET, The Lab School

- Led planning and delivery of an inter-house robotics and innovation competition for 50+ teams.
- Built the event execution plan and directed branding, visual identity, and presentation standards.
- Coordinated logistics, vendors, students, staff, and volunteers from setup through closing.

Head of Volunteers Jan 2026
Zeeshan Usmani Events

- Led a 12-person volunteer team across two events with 450+ and 600+ attendees.
- Managed entry flow, seating, and backstage logistics as on-site contact for organizers and attendees.

Marketing & Creative Support Oct 2024 – Jan 2026
10x Digital Ventures

- Supported personal branding, market research, brand strategy, and social media management.
- Produced copywriting, graphic design, presentations, and video editing; assisted with LinkedIn optimization and PR.

STEM Program & Social Media Manager Jan 2022 – Jan 2023
Experimenterz

- Assisted with STEM activities, 3D modeling and printing workshops, and summer camps; managed the social media calendar.

Projects

Recon: Month-End Reconciliation Web App *AI-assisted: Next.js, TypeScript, Tailwind CSS, Supabase*

- Multi-client app that imports bank, gateway, and platform statements, proves completeness, and matches sales to payments and payouts.
- Exception-driven review with preparer/reviewer sign-off, period locking, and an Excel audit pack.

MedFlow Pharmacy ERP *AI-assisted: React, TypeScript, FastAPI, PostgreSQL, Supabase, Tauri*

- Multi-pharmacy ERP migrating from a Streamlit prototype to a Turborepo monorepo with web, admin, and desktop apps.
- Row-level security, MFA-protected operator console, and PIN-based staff sign-in via Edge Functions.

GUTECH LMS Portal *AI-assisted: React, Vite, Express, Supabase*

- Full-stack learning management system with student, faculty, and admin roles, deployed on Vercel.

WayMed: Healthcare Navigation Prototype *Python · AI-assisted: React, Machine Learning*

- Design-thinking prototype with guided intake, explainable department suggestions, and indoor routing in English, Urdu, and Sindhi.

Personal Portfolio Website *HTML, CSS, JavaScript · AI-assisted: Firebase, LaTeX*

- Static portfolio with a Firebase-powered blog and admin studio; this resume is generated from JSON into LaTeX and offered as a download.

FIRST Global Challenge Robots (Team Pakistan) *Robotics, Hardware Integration, Sensors*

- Geneva 2022 (Carbon Capture): built the competition robot in three months; team reached the 8th Alliance.
- Singapore 2023 (Hydrogen Horizons): represented Pakistan again, collaborating with international teams.

Awards & Recognition

- **Certificate of Excellence, FIRST Global Challenge** — FIRST Global Geneva 2022, Singapore 2023
- **Award for Judging, Robothon 2.0 (Track The Line)** — Align STEM Club & The Elixir School Apr 2025
- **Certificate of Appreciation, Head of Volunteers** — Zeeshan Usmani Events 2026

Skills

Programming:	Python, HTML, CSS, JavaScript
AI-Assisted Development:	Building full-stack apps with AI coding tools (Claude Code), including React, Next.js, TypeScript, FastAPI, Supabase, Firebase, and LaTeX
Robotics:	Robot building, Hardware integration, Sensor calibration, 3D modeling & printing
Leadership & Creative:	Event operations, Volunteer leadership, Outreach, Graphic design, Video editing, Copywriting
Languages:	English (Fluent), Urdu (Native)
Certifications:	CS50: Introduction to Programming with Scratch (Harvard); Python Programming Workshop (GU Tech); Fundamentals of Digital Marketing (Google Digital Garage); Ways to Build a Better LinkedIn Profile (Coursera Project Network); WordPress Masterclass (Alison); Robotics League 5.0 (Edvon)