Khalil Ahmad

Full Stack Web Developer

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Profile

Full Stack Web Developer with 2+ years of experience in web development, mentored 1K+ students, building 25+ real-world applications and mentoring upcoming developers. As the founder of **One-University**, I've transformed 40+ students into deployment-ready developers with 10+ projects deployed. Known for delivering clean, scalable code and UI/UX designs that drive performance and user satisfaction. Passionate about solving real problems and building community.

Education

BS Computer Science *University of Engineering & Technology*   **Lahore, Pakistan** *2022-2026*
CGPA: 3.4
Relevant Courses: Object Oriented Programming(OOP), Data Structure & Algorithms(DSA), Database Systems, Operating Systems, Artificial Intelligence, Computer Networks, Parallel & Distributed Computing, Information Security
Intermediate in CS *Govt. Degree Boys College*   **Burewala, Pakistan** *2020-2022*
Percentage: 90%
Relevant Courses: Computer Science, Mathematics

Skills

- **Languages:** C#, C++, Python, Java, JavaScript, TypeScript

- **Frameworks:** React, Next.js, MERN, PEN/PENN, ASP.NET Core (Razor Pages), .Net Windows Form, Streamlit

- **Web Utilities:** Aware of 10+ Chrome Developer tools

- **Backend:** Node.js, Express js, Flask, ASP.NET

- **Database:** Firebase, MongoDB, PostgreSQL, SQL, Prisma(ORM)

- **Dev Tools:** Git, GitHub, GitLab, Vercel, netlify, Overleaf

- **Other:** UI/UX Designing, Web Scraping

Experience

Web Developer (Student Job)(PT) *(@UET Game Studio)*   *Nov 2024-Present*
Working as a web developer and maintaining portfolio and online game portal website of UET Game Studio by adding new features and games as they develop.

Founder & Mentor (Student-Led Initiative) *(@One-University)*   *2024–Present*
Founded a student-led learning platform. Mentored 40+ students in web development through live sessions, created a custom curriculum, and deployed 10+ real-world projects using Git, GitHub, and CI/CD pipelines.

Web Developer (Internship) *(@UET Game Studio)*   *Aug 2024 - Oct 2024*
Served as an internee before student job at UET Game Studio and blended in different roles like Game QA, Game Design and Game Artist while working on portfolio and portal of UET Game Studio.

AI/ML Internee (Internship) *Xavor Corporation*   *2023*
Worked in group with other fellows and corporated with some medical fellow students to create a project related to healthcare and solving real world doctor problems.

UI/UX Designer(Tutor) *D3 Digital Dynamo*   *2025*
Served as a tutor at **D3** to 20+ students as an online tutor and completed course with 5+ completed hands on projects.

Web Projects

Eventra - (OnGoing)
A startup idea project developed to help marketing and management of events over institutes. The problem to be solved is about event management, attendence tracking, event marketing and stocking attendee's info.

- **Role:** Developing AI-integrated project.
- **Technologies:** Next.js (TypeScript), Node Js, Express js, Claude API, Prisma, PostgreSQL

Mail Mentor - (OnGoing)
An AI based platform for users who are worried about dozen of email bunches, and want to list out importance/priority of an email or wanna summarize there email.

- **Role:** Developing AI-integrated project.
- **Technologies:** Next.js (TypeScript), Node Js, Express js, Claude API, Prisma, PostgreSQL

School Lama - Backend
A backend server with integrated database for managing a complete school including parent, teacher, student and principal. Effeciently manages all exam timings, lectures, announcments and results.

- **Role:** Developed the server in Nextjs with integrated APIs and PostgreSQL database individually.
- **Technologies:** Next.js (TypeScript), Prisma, PostgreSQL

Uni-Sphere *(Live Link)*
A real problem based MVP created as a startup project targeting students, community managers, and DSAs to manage campus communities and collaborations among communities with supporting 5+ communities for demo testing.

- **Role:** Acted as Product Owner and Scrum Master; led sprint planning, requirement gathering, and core feature development including creation of communities and CRUD over them with backend and frontend.
- **Technologies:** Next.js (Tailwind CSS, TypeScript, ShadCN), Prisma, PostgreSQL

Past Paper Extractor
A Streamlit based OCR web app to store and retrieve past papers for university students. A real life problems based project, to store and retrieve past papers with respect to teacher, semester, type and etc.

- **Role:** Indi Developer with some working prototype with some available past papers.
- **Technologies:** Streamlit, Python(OpenCV)

Bulk Email Sender *(Live Link)*
After facing problem in my community for sending bulk emails and certificates, I engineered a Streamlit email platform featuring customizable HTML/text templates, enabling targeted communication to 50+ community members and cutting email preparation time by an estimated 3 hours weekly.

- **Role:** Constructed and deployed the full application independently; integrated both HTML and text-based email support with dynamic template integration and deployed on streamlit.
- **Technologies:** Streamlit, Python

Portfolio for UET Game Studio *(Live Link)*
Built and deployed a personal portfolio with interactive project showcase, achieving 100+ visits in first 2 month and attracting opportunities via embedded GitHub & LinkedIn links.

- **Role:** Designed and developed responsive UI layouts; Learnt Next JS concepts more deeply; integrated dynamic project displays and optimized site for cross-device performance. Instructed all components for website. Still maintaining for new features and functions.
- **Technologies:** Next.js (Tailwind CSS, TypeScript, AnimataUI, ShadCN), Vercel, Git

Portal for UET Game Studio Games *(Live Link)*
A web portal deployed on vercel allowing users to browse and play (currently) 15+ games developed by UET Game Studio game developers. Supporting Unity WebGLs and playable game over internet.

- **Role:** Developed the front-end architecture; implemented interactive game and backend to display the working of there WebGLs over the internet and user-friendly navigation with smooth animations.
- **Technologies:** Next.js (Tailwind CSS, TypeScript, AnimataUI, ShadCN), Vercel, Git

Code Editor Integrated with DSA *(Nexus Editor)*

A Python-based code editor integrated with Data Structures and Algorithms concepts, featuring essential editing tools and syntax highlighting.

- **Role:** Designed and implemented syntax highlighting, and developed core editing functionalities like copy, paste, and search. Featured Undo and Redo features too. Understood DSA concepts while implementing them in development.

- **Technologies:** Python, QT Creator

Personal Portfolio *(Khalil Ahmad)*

A personal multi-page portfolio website highlighting my projects, society contributions, and personal achievements.

- **Role:** Developed complete portfolio independently; First project after learning HTML, CSS & JS.

- **Technologies:** HTML, CSS, JavaScript, JQuery

Web Scraper for 1 Million Books *(Honey Scrapper)*

A scraping project targeting around 1 million books' metadata using Beautiful Soup and Chrome automation.

- **Role:** Constructed Python script for to scrap data by working on multiple threads at a time to reduce effort by 14+ hours and improving overall team efficiency by 40%.

- **Technologies:** Python, PyQT5

Cafe Management System Project *(Annexxie)*

An online cafe management system with both user and admin panels, handling orders, menus, and user tracking, developed using ASP.NET Core.

- **Role:** Designed complete database schema, developed user and admin modules, and implemented order management features.

- **Technologies:** ASP.NET Core, Razor Pages, C#, SQL, SSMS

Volunteer Work

- Total Events Conducted(Online) - 10+

- IEEE Smart City Summit Event - Graphics team Co-Worker

- ITEC-23 UET Lahore - Graphics Team member

- ITEC-24 UET Lahore - Graphics Team Lead

Achievements

2023: 5x HackerRank Certified (C++, Python, Problem Solving, JavaScript, SQL)
2024: Team Collaboratin & Communication – Coursera
2024: Microsoft Learn Student Ambassador – Beta Tier
2025: PM Project Management Course Certification (Agile Methdology)

Co-Curriculum Activities

- **Youth Empowerment (Community Lead)** - After starting as a member, stepping up as a co-lead, a general secretary and finally handled lead position.

- **UET Lahore(Mentor Creative Teams)** - Served as a general member, Director Graphics Team, Chair Creative Teams and finally now as a mentor for creative teams.

- **Events Organized(Online):** 65+ - As a part of communities, i have organized and was included in these events.