Zain Ali

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EDUCATION

BS Software Engineering | *University of Engineering & Technology Lahore*   Nov 2021 – May 2025

FSc Pre-Engineering | *Punjab Group of Colleges (PGC)*   June 2019 – July 2021

EXPERIENCE

Mobile App Developer   Jan 2024 – Mar 2025
Xavinex   *Remote, Pakistan*
- Integrated GPS functionality to pinpoint meeting locations in the "Spot Between Us" app.
- Optimized app performance to improve load times and ensure smooth usability.
- Enhanced user interface (UI) to improve user experience and engagement.
- Collaborated in an agile team to deliver features on strict deadlines using Flutter and Firebase.

Director of Event Management   Nov 2024 – May 2025
ACM UET (Association for Computing Machinery)   *Lahore, Pakistan*
- Led the event management team at ACM UET, showcasing leadership and organizational skills.
- Organized and managed technical events for 300+ students.

PROJECTS

Uber Neo – Ride-Hailing App | *MERN Stack (MongoDB, Express.js, React.js, Node.js)*   Jan 2025 – Mar 2025
- Built a full-stack ride-hailing platform with real-time driver tracking and Google Maps integration.
- Implemented secure JWT-based auth, ride request matching, and live status updates using Socket.IO.
- Integrated fare calculation, driver dashboard, and cloud deployment for production readiness.

Airbnb Neo – Rental Listing Platform | *Next.js 13, Tailwind, Prisma, NextAuth*   Apr 2025 – Jul 2025
- Developed a full-stack vacation rental app with role-based dashboards and listing creation workflows.
- Used server-side rendering and advanced filtering for listing exploration and booking functionality.
- Integrated Google Maps, Cloudinary uploads, and social login with Google/GitHub using NextAuth.

Mualij (FYP) | *Flutter, Firebase, Machine Learning*   Apr 2024 – Jan 2025
- Developed a full-stack medical consultation app enabling seamless doctor-to-doctor interaction.
- Integrated heart disease prediction and pneumonia detection using ML and computer vision.
- Designed a user-friendly interface for doctors to share insights and discuss cases.

Full-Stack Blogging Web App | *MERN Stack (MongoDB, Express.js, React, Node.js)*   Feb 2024 – Dec 2024
- Developed a full-stack blogging platform allowing users to create, edit, and view blogs.
- Implemented user authentication, rich-text editing, responsive UI, and MongoDB-based content management.

Full-Stack E-commerce App with Admin Panel | *PHP, SQL*   Jul 2022 – Jan 2023
- Built an e-commerce platform featuring user authentication, product search, and cart functionality.
- Created an admin panel for product management, order tracking, and user control.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3, C/C++, Java
Frontend: React.js, Next.js 13, Tailwind CSS, Redux, Material UI, Bootstrap
Backend: Node.js, Express.js, REST APIs, Socket.IO, JWT, NextAuth
Database: MongoDB, Prisma ORM, Firebase Firestore, MySQL
DevOps & Tools: Git, GitHub, Postman, Vercel, Heroku, Netlify, Cloudinary, Docker (basic)
ML/DL: TensorFlow, PyTorch, Keras, CNN, RNN, GANs, Computer Vision (OpenCV)

CERTIFICATIONS

LangChain Chat with Your Data | *DeepLearning.AI*   Jan 2025

Generative AI for Beginners | *Great Learning*   Aug 2024

Machine Learning Specialization | *Stanford University, Coursera*   Sep 2024

Machine Learning with Python | *freeCodeCamp*   Aug 2024

INTERESTS & ENTHUSIASM

- Full-Stack Development • System Design • Software Architecture • AI for Healthcare • Medical Imaging • Deep Learning in Medicine • Autonomous Systems • AI Research