

# Muhammad Abu Hurairah

## Software Engineer

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## PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer with strong backend expertise in Python and JavaScript ecosystems. Experienced in building scalable, secure, and high-performance web applications using MERN stack, Next.js, and Django. Proficient in RESTful APIs, real-time systems, database design, and clean architecture with a strong focus on production-ready solutions.

## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript, TypeScript

**Frontend Technologies:** React.js, Next.js, HTML5, CSS3, Tailwind CSS

**Backend Technologies:** Django, Node.js, Express.js, REST APIs, JWT Authentication

**Databases:** MongoDB, PostgreSQL

**Real-Time Technologies:** WebRTC, WebSockets

**Tools & Platforms:** Git, GitHub, Prisma ORM, Cloudinary, Postman

**Core Concepts:** Clean Code, Scalable Architecture, MVC, API Handling

## EDUCATION & EMPLOYMENT HISTORY

### Bachelor of Science in Computer Science

Years: 2023 – 2027

University of Central Punjab (UCP)

Department of Computer Science

### Intermediate in Computer Science

Years: 2021 – 2023

Punjab Group of Colleges

Computer Science Department

### Full-Stack Developer

Time Period: August 2025 – October 2025

Nexagen Solution, Faisalabad

- Developed production-level financial and business web applications.
- Built secure B2B/B2C systems with role-based access control.
- Optimized backend logic and database performance.

### Learning Specialist (Full-Stack Python Web Developer)

Time Period: August 2024 – January 2025

TecnSol Trainings Official, Faisalabad

- Built Django-based applications with REST APIs.
- Implemented authentication, database integration, and UI features.

## PROJECTS

### FinScope — Real-Time Crypto & Stock Analytics Dashboard

GitHub: Repository | Live: finscope-hub.vercel.app

- Built a real-time financial analytics platform using Next.js, TypeScript, Prisma, and PostgreSQL.
- Integrated Binance and Finnhub WebSocket APIs for live market data.
- Implemented virtual trading, portfolio tracking, and secure authentication.

### Schedule Ease — Meeting Scheduling Platform

GitHub: Repository

- Developed a meeting scheduling and video conferencing platform.
- Implemented WebRTC video calls, Socket.io signaling, and RBAC.

### LoanVerse — Loan Management System

GitHub: Repository

- Built a full-stack loan management system using Django and React.
- Implemented user/admin dashboards, loan approval workflow, and analytics.

### **DonorHub — Charity & Donation Management Platform**

GitHub: Repository | Live: donor-hub-eta.vercel.app

- Developed a MERN-based donation platform with NGO and donor dashboards.
- Implemented JWT authentication, campaign management, and analytics.

### **ERA — Smart Wardrobe Manager**

GitHub: Repository

- Built a Django-based clothing inventory and order management system.
- Implemented cart, checkout, admin inventory control, and user profiles.

### **Excel-Based Quiz Application**

GitHub: Repository | Live: eraquiz.netlify.app

- Developed a dynamic quiz system that reads MCQs from Excel files.
- Implemented timers, real-time answer validation, and result summaries.

## **CERTIFICATIONS**

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- MERN Stack Developer
- React + Django Full-Stack Web Development