

MUHAMMAD ABUBAKAR

Full-Stack Developer

Email: abubakr.muhammad.5785@gmail.com
Address: Lahore, Pakistan
Contact: +92 303 9943773

Linkedin: linkedin.com/in/muhammadabubakr2005
Portfolio: muhammadabubakr2005.github.io/MuhammadAbubakr/
GitHub: github.com/muhammadabubakr2005

Summary

Detailed-oriented Computer Science professional with experience in full-stack and mobile development, scalable architectures. Skilled in React (Vite), React Native, Angular, NestJS, Node.js, PostgreSQL, MongoDB, with strong problem solving, OOP, data structures, and database foundations. Proficient in AI-enhanced software development practices, using intelligent assistants to streamline coding and problem-solving.

Experience

- JavaScript Intern -** Intellicore Tech 06/2025 - 8/2025
- Gained professional experience with **Angular (frontend)** and **NestJS (backend)**, integrating PostgreSQL DB.
 - Added functionalities of mailer, input validations, logging, modals and Claims Requests in **Intellicore HRMS**.
 - Enhanced **Rasterex Web Viewer** by optimizing annotation scaling/rotation, improved PDF memory management, and fixed bugs.
 - Worked in Agile sprints with tasks including PR reviews, sprint planning, Git branching, and bug fixes.
- Lab Demonstrator -** FAST NUCES, Lahore 08/2025 -
- Computer Networks:** Conducted hands-on lab sessions on network protocols, routing, switching, and socket programming, guiding students through practical networking concepts and troubleshooting.
 - Computer Organization and Assembly Language:** Taught x86 architecture from fundamentals to display routines and interrupt handling and guiding students through low-level programming.

Skills

- Languages:** JavaScript, TypeScript, Python, SQL, HTML/CSS
- Frontend:** React.js, ReactNative (Expo), Angular, Responsive Design, Cross-Browser Compatibility
- Backend:** FastAPI, ExpressJS, Nestjs, Node.js, RESTful APIs Integration
- Databases:** PostgreSQL, MongoDB, Prisma ORM, Mongoose, TypeORM
- Tools:** VS Code, Postman, Cursor, Claude Code
- Soft Skills:** Problem Solving, Leadership, Team Work, Critical Thinking, Time Management

Projects

- Skin Sathi -** AI Skin Disease detector and an E-commerce App 08/2025 -
- Tech Stack and Tools:** React Native (Expo), FastAPI with PostgreSQL DB, Mobilenetv3 model
 - Building an AI Skin detection system and an E-commerce application for selling the medicines, an AI chat-bot and a doctor meeting scheduling system.
- IHC Pharmacy -** Pharmacy Management System 07/2025 - 08/2025
- Tech Stack and Tools:** React (Vite) frontend and Express + PostgreSQL (Prisma ORM) backend.
 - Built a management system for IHC Pharmacy which can create invoices, manage products, users, and also provide daily, monthly, annual analysis of sales
 - It is deployed on DigitalOcean droplet. You can visit <https://ihc-pharmacy.vercel.app/>
- HRMS Portal -** Human Resource Management System 07/2025 - 08/2025
- Tech Stack and Tools:** Angular(frontend), NestJS(backend) with PostgreSQL(TypeOrm)
 - Developed HRMS features during internship: employee claims, notifications, validations, and Winston logging.
- Rasterex Web Viewer -** Annotation & PDF Viewer Enhancements 07/2025
- Tech Stack and Tools:** Angular framework
 - Contributed to feature development and bug fixing in JavaScript-based Rasterex Viewer. Optimized PDF object handling, annotation scaling, and rotation fixes.

Education

- Bachelors in Computer Science -** FAST NUCES, Lahore 2022 - Present
- Scored 3.50/4.00