

ABDUL ARHAM

Software Engineer

House 88, Street 10, Phase VI, Bahria Town, Islamabad ◇ abdul.arham9123@gmail.com ◇
(+92) 317-5271509 ◇ arham-react-website.vercel.app

Profile

Driven Software Engineer adept at architecting scalable solutions and leveraging data-driven insights. Proficient in full-stack web development with expertise in JavaScript, RESTful API design, Python programming, and PostgreSQL database management. Committed to continuous learning and rapidly integrating emerging technologies to deliver robust, high-quality software.

Skills

- Full-Stack Web Dev
 - Databases
 - System Integration
 - System Design
 - Mobile App Development
 - Cloud Development
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Technologies & Frameworks

- JavaScript
 - React Native
 - Material UI
 - Next.js
 - Python
 - Flutter
 - AWS
 - Tailwind CSS
 - MERN Stack
 - PostgreSQL
 - MongoDB
 - MySQL
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Professional Experience

Associate Software Engineer, Stax3 Jun 2025 - Present

- Stax3 is a Pakistani company providing software services worldwide.
- Working on a web platform for developing chatbot agents for user's websites.
- Worked on sustaining a no-code gaming platform.

MERN Stack Web Developer (Freelancer), Upwork Aug 2023 - May 2025

- Development of a MERN Stack sales automation platform, streamlining lead capture and order processing workflows.
- Engineered an AI-driven chatbot using the OpenAI API and backend built in Flask (Python).
- Maintained a flawless on-time delivery record by rigorously aligning project milestones with client objectives, ensuring high satisfaction and repeat business.

Software Engineer Intern, One Byte Jul 2023 - Aug 2023

- Enabled alerts on an Elasticsearch cluster for patient health monitoring.

- Developed robust RESTful Express.js APIs backed by PostgreSQL, including database schema design, connection pooling, and optimized query performance for high-throughput applications.
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Projects

Bakery Management System

MERN-stack web app for:

- Product management, orders, and two-factor user auth.
 - Admin panel for system oversight.
 - Efficient data handling and storage.
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Education

Bachelor of Engineering in Software Engineering, NUST, Islamabad

Nov 2021 – May 2025

Relevant coursework: Programming, Databases, Software Engineering, Web Engineering, Machine Learning.

Certifications & Languages

Languages: English, Urdu.

Certifications: IBM Introduction to Relational Databases; IBM AI Engineering Certificate.
