Hammad Ahmed

+923135809734 | hammad_ahmed_123@outlook.com | [Portfolio Link](#) | NUST, Islamabad

Education

National University of Science & Technology   *November 2021 – June 2025*
Bachelor's in Computer Science

Coursework: Data structures & Algorithms, Design & Analysis of Algorithms, Object Oriented Programming, Database Management Systems, Web Engineering, Operating Systems, Digital Image Processing, Artificial Intelligence, Computer Networks, Big Data Analytics, Parallel & Distributed Computing, Information Security etc.

Work Experience

Data Pulse Technologies   *June 2024 – Present*
Full Stack Developer

- Led development of AG Property Manager, a large-scale property management system in collaboration with a European client; implemented core modules, managed Nginx server, and optimized a high-volume production database.
- Enhanced LocumSmart, a medical platform; deployed via cPanel and added critical features.
- Contributed to full-stack development across projects using Go, Next.js, and Spring Boot.
- Integrated secure and scalable payment solutions across multiple platforms.

Zikra Infotech LLC   *January 2024 – June 2024*
Junior Full Stack Developer

- Developed email outreach and lead management modules for an international scale Business Management tool Z360.
- Specialized in Laravel with React and Inertia.js to build and optimize performant web applications.

Al Raheem Technologies, NSTP, NUST   *August 2023 – September 2023*
Angular Intern

- Collaborated on a Middle Eastern client's website, focusing on front-end development using the MEAN stack.
- Built responsive, user-centric interfaces with Angular.

Projects

FYP – Psychology Application – Our FYP was a flagship project at NUST. The tech stack consists of Django and Django Channels along with PostgreSQL and Redis at Backend and Next.js on Frontend for CSR. A Llama model is also being integrated into the application. It's a psychology application to connect patients and psychologists streamlining the whole process.

Laravel Stack Psychology Application – An application where a user can either register to get help based on his/her mental problems or can help other users by forming support groups or giving relevant online helping material.

MERN Stack Posts Application – This project is a CRUD posts application with frontend in react.js and backend in node.js with MongoDB atlas cluster database. A user can write a post, update it, and delete it.

PHP CRUD Library Management System – A Library Management System with a complete frontend in HTML/CSS/JS and backend in PHP connected to MySQL database. A user can issue and return a book from a given record.

Skills

Frameworks: Django, Laravel, Spring Boot, Golang, Node.js, Express.js
Frontend: React.js, Next.js, Inertia.js, TailwindCSS, Material-UI, Bootstrap
Databases: PostgreSQL, MongoDB, MySQL, Redis, Elasticsearch
Tools & DevOps: Docker, Git, GitHub, Postman, Linux
Architecture: Microservices, RESTful APIs, CI/CD