

Muhammad Hammad

Software Engineer

Full Stack Developer with expertise in **PostgreSQL, Sequelize, Node.js, Express.js, Fastify, GraphQL, and Apollo**. Proficient in **Next.js, React, TypeScript, and Tailwind CSS** for modern web applications. Passionate about building high-performance applications and contributing to open-source projects.

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WORK EXPERIENCE

Software Engineer

Alimcosoft (SMC-Private) Limited

10/2024 - Present

- Developed and optimized **RESTful & GraphQL APIs** for scalable and high-performance applications.
- Built modern, interactive web applications using **Next.js, React, TypeScript, and Tailwind CSS**.
- Integrated **PostgreSQL & Sequelize ORM** for efficient database management and query optimization.
- Worked with **Fastify & Express.js** to enhance API performance and reduce latency.
- Implemented **authentication & authorization** with JWT and OAuth for secure access control.
- Designed and managed **monorepo structures**, improving project maintainability and scalability.

React Developer

Digital Scrap

04/2024 - 09/2024

- Developed and maintained web applications using **React** and mobile applications with **React Native**.
- Implemented responsive UI components and integrated **RESTful APIs** for seamless data flow.
- Collaborated with design and backend teams to create intuitive digital scrap management solutions.

Frontend Developer Intern

Alimcosoft (SMC-Private) Limited

07/2023 - 09/2023

- Developed responsive UIs using **HTML5, CSS3, JavaScript, and React**.
- Worked with **GraphQL APIs** to enhance frontend-backend interaction.
- Gained hands-on experience in **Git** version control and collaborative workflows.

Lead Generation Specialist

Freelance - Self Employed

10/2020 - 07/2022

- Researched and contacted potential clients for lead generation.
- Managed and tracked lead progress to increase conversion rates.

EDUCATION

Bachelor of Science in Computer Science

Bahria University Islamabad

2024

CGPA: 3.61

SKILLS

Next.js

React.js

TypeScript

Tailwind CSS

JavaScript

Sanity CMS

Node.js

Express.js

Fastify

GraphQL

Apollo

PostgreSQL

Sequelize

Git

REST APIs

Bootstrap

Supabase

Firebase

Figma

PERSONAL PROJECTS

Cheap Fare Travel (02/2025 - Present)

- A modern travel agency website for searching flights and booking tickets.
- Built with **Next.js 15, Redux, Zustand**, and **React Hook Form** for state management and form handling.
- Developed an **admin panel using ShadCN** for managing bookings, users, and flights.
- Designed a clean, responsive UI with real-time search and a seamless booking experience.

WonderList (12/2024 - 01/2025)

- A mobile app backend for users to track and share travel experiences.
- Developed with **Fastify, Mercurius, PostgreSQL, Sequelize, and GraphQL** for efficient data handling.
- Enables users to add places, share trip details (budget, expenses, recommendations), and interact with others.
- Supports a **Q&A feature**, allowing users to ask and answer travel-related questions.

OPEN SOURCE CONTRIBUTIONS

Cuttle Card - Fixed form structure CreateGameDialog

Issue: CreateGameDialog contained two separate elements, causing validation issues. **Solution:** Refactored component structure, replacing unnecessary with and properly wrapping.

Devicons - Added laminas/mezzio icon request

Issue: Requested an icon for Laminas/Mezzio, a popular PHP framework. **Solution:** Provided references, documentation, and icon previews for correct implementation.

LANGUAGES

English

Professional Working Proficiency

Urdu

Native or Bilingual Proficiency

INTERESTS

Coding

Cricket

Gaming