

# Hammad Ahsan

## Full Stack Developer

Islamabad, Pakistan | 03365290121

[Email](#) | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

### Summary

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Highly skilled Full Stack Developer with 4 years of industrial experience, currently working at eSquall LLC. I specialize in building scalable, responsive web applications using React.js, Next.js on the frontend and Node.js, Next.js with Mongo, MySQL, Postgress DB on the backend. With a strong focus on API integration and performance optimization, I am committed to contributing to the thriving tech industry. I embrace new challenges and continuously seek opportunities for professional growth.

### Education

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**Bachelors in Computer Science**

Foundation University Rawalpindi Campus

2018 - 2022

### Experience:

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#### Full Stack Developer | eSquall LLC | Rawalpindi, Pakistan

May 2025 - Present

- Designed, developed, and maintained robust front-end user interface components using Material UI, PrimeReact, and Ant Design.
- Integrated REST APIs using Axios and RTK Query.
- Worked with Redux, Redux Toolkit, and RTK Query for state management.
- Developed backend and full-stack features using Node.js and Next.js with databases such as MongoDB, MySQL, and PostgreSQL.
- Utilized Git, GitHub, GitLab, Heroku, AWS, and Microsoft Azure for version control and deployment.

#### MERN Developer | App In Snap | Islamabad, Pakistan

Aug 2022 - April 2025

- Design, develop and maintained robust front-end user interface components
- Analyze complex systems specifications of existing programs to determine requirements
- Proactively identify problems and present/develop solutions.
- Integration of REST APIs using fetch and Axios, as well as hardware integration
- Worked with Redux and Redux Toolkit
- Worked on Node.js with Express Framework, MongoDB, JSON web-token authentication, and MongoDB Atlas
- Worked with Git, GitHub, and Microsoft Azure for deployment

## Full Stack Developer | Freelance | Remote

Dec 2022 - Present

- As a Freelancer, I completed multiple projects in React and Node with MongoDB. I'm skilled in adapting to client needs, managing timelines, and delivering high-quality, scalable solutions

## Skills:

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### Frontend:

HTML5, CSS3 / SCSS, Tailwind CSS, JavaScript (ES6+),  
TypeScript, React.js, Next.js, Redux, Redux Toolkit,  
API Integration (Fetch / Axios), PrimeReact, Material  
UI, Ant Design.

### Database:

MongoDB, MySQL, PostgreSQL

### Deployment:

Microsoft Azure, AWS, Heroku, Netlify, Vercel

### Backend:

Node.js (Express.js), Nest.js, Socket.io, JWT  
Authentication, Cron Jobs, FCM Token, Payment  
Gateway, Hardware Integration

### Tools & Version Control:

Git, GitHub, GitLab, Firebase

## Projects:

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### Futsal Field Reservation System

Developed a platform for team organizers to book football grounds in twin cities, including features like booking, timeline management, chat, and donations.

### Xtreme Gym App

Developed an admin and client portal where profiles, workout plans, meal plan subscription plans, charts, statuses, chat application and AI-generated workout and meal plans are all managed.

### NCS (Railway Pakistan)

Developed an admin portal and ticketing system for Private NCS Railway, managing every detail such as fare management, train timetable and status updates, ticket booking, cancellation, and printing etc

[Portal Link](#)

### Warehouse MS

Developed a product based warehouse management system for Finland, also used as a product, where dynamic modules, permissions, inventory, assets, and RFID labeling are managed. This system also integrates hardware for RFID scanners.

[Link](#)

### JS Wall

A banking sector project currently being used by JS Bank, featuring various modules designed specifically for security purposes for each employee.

### **Organization Health Solutions**

An industrial project with live surveys for company individuals, offering three types of surveys: start, mid, and end, and gathering feedback and reviews. Labels and inputs are dynamically handled across multiple forms in the surveys.

[Portal Link](#)

### **CMS - Invoice Management System**

Developed a comprehensive system for managing projects, projects timeline, clients, employees, invoicing, billing, assets, leave, health insurance and attendance.

[Portal Link](#)

### **Mariachify**

A Mexican-based project that uses AI to generate personalized greeting videos and other custom content for users. The system handles user requests, content generation, and delivery through an intuitive admin and client interface.

[Portal Link](#)

[Website Link](#)

### **Zigglebee**

Built a multi-portal system (Admin and Owner) for managing product details through QR codes. Integrated Stripe for subscription management and automated access control for users based on their active plans.

[Owner Portal](#)

[Admin Portal](#)

### **EU-Studio**

Created a music player similar to Spotify with authentication, playlists, albums, categories, premium accounts, and room creation features

### **HEC Attestation**

Developed an online platform for degree attestation starting from universities POC to HEC administration, utilizing blockchain data.

### **Farmkar Admin Portal**

Developed a project for rural areas connecting farmers, lenders, and customers for 00 equipment import 02 export and related service.

[Portal Link](#)

### **Capital Development Authority**

Capital Development Authority (CDA) Management System designed to manage all aspects of the capital city, including land records, zoning information, building permits, municipal services, development plans, and public amenities.

[Link](#)

### **Rahper Admin Portal**

Developed Rahper ride-sharing Portal. Integrated Google Maps for location services and utilized sockets for real-time requests, rides, and chat management. Implementing the user interface and ensuring a smooth user experience.

[Link](#)

**Rahper Customer Web App**

Implemented a similar app to Rahper (Ride Share), featuring multiple functionalities like real-time ride booking, Google Maps APIs integration, and a chat system using Socket.io, all working seamlessly

**Quiz Voyage**

Developed a complete quiz system portal and user website for O/A Level students. The platform includes detailed tracking of chapters, subjects, and mock exams, along with performance statistics, progress tracking, and comprehensive result management.

**iSocia**

Developed a detailed inventory and sales management system. The system processes data from Excel files (including inventory, sales, invoices, and purchases), performs automated calculations, and uses the Bedrock AI API to predict available stock levels and inventory trends.

**Pharmacy Portal**