

# Ikram UI Haq

## Full Stack Developer

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📍 Lahore, Pakistan

Enthusiastic Full Stack Developer with experience in building projects from small apps to enterprise-level solutions. Optimized performance for large-scale projects with millions of users and developed management systems and SaaS products to boost user engagement.



## Skills

JavaScript, TypeScript, Python, SQL, C

### Frontend

- NextJS, ReactJS, Astro
- Redux, Zustand, React Query
- Framer motion, GSAP
- MUI, Chakra UI, TailwindCSS
- Flowbite, Shadcn, Radix UI
- SCSS, Bootstrap 4 & 5

### Backend

- NodeJS, ExpressJS, NestJS
- Mongoose, Prisma
- MongoDB, MySQL, PostgreSQL
- DynamoDB, Document db
- Firebase, Strapi, Sanity
- Heroku, Vercel
- Socket IO

### Tools

- AWS (EC2, ELB, Cloudfront, S3, Cognito, Lambda, SQS, SNS, RDS, Eventbridge)
- Docker, Nginx, GraphQL
- Pubnub, Jitsi
- Stripe, Paypal, Flutterwave
- Botpress, Relevance AI
- Cursor, V0, Claude

## Work Experience

### Senior Full Stack Developer

Innovation Insight • October 2024 - Present



- **Accelerated** development cycles by leveraging AI tools to troubleshoot and resolve complex issues efficiently, reducing debugging time across multiple projects.
- **Independently led** full-stack development of multiple products, handling both frontend and backend tasks, while also contributing as a core team member on collaborative projects.
- **Engineered** a custom AI agent system using Relevance AI to streamline internal communication and project workflows, enhancing productivity across departments.
- **Developed** a dynamic storytelling chatbot using Botpress, capable of interacting with users based on uploaded question sets and personal experience inputs.
- **Delivered** high-performance animated landing pages using GSAP for the Zeuss project, boosting user engagement and brand perception.
- **Created** an AI-powered video-to-text converter using OpenAI APIs, FFmpeg, and Flask—significantly reducing manual transcription efforts for the Aiseo product.
- **Architected and deployed** a scalable microservices backend for a mobile app using NestJS, GraphQL, and RabbitMQ, resulting in faster feature delivery and easier service management.
- **Built** an intelligent document extraction platform by integrating custom AI APIs with a Next.js frontend and a NestJS microservices backend.
- **Streamlined** payments integration by setting up Stripe Connect, PayPal subscriptions, and custom billing flows for seamless and secure transactions.

### Full Stack Developer

PixelPk Technologies • December 2022 - September 2024



- **Developed** multiple projects from scratch, integrating third-party libraries to deliver client-focused solutions, resulting in an increase in company revenue.
- **Fixed** critical bugs in existing projects, ensuring the delivery of bug-free solutions and improving overall client satisfaction.
- **Improved** download speeds by 70% in management systems through streaming and database query optimization.
- **Led** project teams, ensuring effective collaboration and alignment with client requirements, which enhanced project delivery efficiency.
- **Delivered** the Marquis project 30% faster than the initial timeline by strategically planning with the project manager, developers, and stakeholders.
- **Participated** in sprint planning and scrum meetings to plan projects and ensure on-time delivery.
- **Communicated** effectively with clients on both technical and non-technical aspects, presented demos to meet requirements, and secured future projects.

## MERN Stack Developer

Shayan Solutions • July 2022 - December 2022



- **Built** key features in the EMS product, ensuring full functionality and delivering all required features, contributing to successful project completion.
- **Fixed** critical bugs in the project, optimizing existing features and making the product production-ready.
- **Collaborated** with the team on the health history app, planning the architecture to ensure timely delivery and meet client requirements.
- **Solved** client and BD team queries effectively, leading to increased client satisfaction and securing additional projects for the company.

## JavaScript Developer

Fiverr • August 2020 - June 2022



- **Built** full stack projects that significantly enhanced clients' growth and digital presence.
- **Developed** mobile-first web applications following CSS best practices that adapted seamlessly to various device screen sizes and resolutions.
- **Created** an ecommerce website for a Spanish client, expanding their Aloe Vera brand online and achieving a 30% increase in sales.
- **Converted** Figma designs into React websites using atomic design patterns to ensure reusability and scalability.

## Projects

**Chat Your History:** An interactive storytelling chatbot platform designed to capture user experiences through dynamic conversations. Built with Botpress, the chatbot selects questions from predefined files and generates follow-up prompts based on user responses. Integrated Twilio for both messaging and calling features to enable richer interactions. Developed a full-featured dashboard where users can view their answers, generate structured memos, and manage subscriptions via Stripe and PayPal. The frontend was developed using Next.js (TypeScript) with Zustand for state management, while the backend was powered by Express.js, PostgreSQL, and Prisma.

**Zeuss:** A product and service showcase website developed with Astro and TailwindCSS. Contributed to

key frontend improvements and bug fixes across multiple pages. Implemented high-performance animations using GSAP, including hero section entry animations, scroll-triggered effects, and advanced text animations using GSAP SplitText and Text plugins. Built a responsive slider system using Swiper to showcase products.

**Logfish (Backend):** The backend infrastructure for a mobile marketplace where users can log fish catches and buyers can browse and purchase listings. Architected using a microservices architecture with NestJS, GraphQL, RabbitMQ, and MongoDB (Typegoose). Integrated external weather data via APIs like Meteoblue, Stormglass, and NOAA to provide contextual fishing information. Deployed using NestJS MAU service. Implemented secure payment processing with Stripe and PayPal, supporting both direct purchases and seller payouts.

**JOMI: Journal of Medical Insights:** For the JOMI project, I enhanced the download speed of CSV table data by implementing streaming and optimizing database queries. I also resolved bugs in both the frontend and backend, utilizing Next.js (TypeScript), Express.js (TypeScript), and GraphQL API. Additionally, I managed client communications, addressing queries and task assignments through ClickUp.

**Hospital Management System:** Designed to enhance patient-doctor interactions. Patients can securely log in to create and access their records, consult with medical professionals, while doctors and pharmacists have streamlined access to patient data. Admin capabilities include efficient staff management. The frontend, powered by ReactJS (TypeScript), React Hook Form, Zod, TailwindCSS, and Shadcn (Radix UI), seamlessly interfaces with the backend built on AWS Lambda, API Gateway, Cognito, DynamoDB, PostgreSQL, and AWS CDK.

**Callup: Online Meetings Scheduler Platform:** Hosts can effortlessly create accounts, schedule meetings at specific prices, and guests gain access upon payment. The frontend, developed with NextJS (TypeScript), TailwindCSS, Flowbite, and integrated with Jitsi (for online meetings), ensures a seamless user experience. The backend, powered by NestJS (ExpressJS), Zod, Class Validator, RDS, DynamoDB, AWS Cognito, and Lambda, handles payment through Stripe Checkout Sessions and Express Account.

**Marquis Portal: Residents Management System:** A comprehensive mobile application for residents management, offering property managers and receptionists efficient tools for handling various aspects of residency hotels such as gym classes, cinemas, bookings, tickets, and more. Built using MERN stack and file implementation was handled using multer. Payment was handled using flutterwave and agoraaa for chat implementation

**Simplify Project: Multi Vendor Mobile Application with Admin Panel:** The backend, crafted with NodeJS, ExpressJS, Passport, AWS S3 & EC2, prioritizes swift response times for enhanced mobile app performance and increased yearly revenue. The admin panel, developed using ReactJS, MUI, React-Query, Axios, and various packages, features real-time notifications handled through Firebase Cloud Messaging.

**Employee Management System (EMS):** Utilizing the power of MERN and Redux, this robust system seamlessly records and manages employee data, including attendance, leaves, and facilitates payslip generation based on precise attendance tracking. Hosted on Heroku and Netlify, with version control on Bitbucket, EMS ensures a streamlined and secure approach to HR operations.

## Education & Certificates

## CS50x

CS50x Harvard University

C Language, Algorithms, Data Structures, HTML, CSS, JavaScript, SQL, Python, Flask



## MongoDB Basics

MongoDB University

MongoDB, Mongoose, NodeJS



## JavaScript Algorithms and Data Structures

Freecodecamp

JavaScript, Algorithms



## Apex Group Of Colleges

ICS (Physics) • 2020 - 2022



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