

Muhammad Umais Hassan

Software Engineer



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Portfolio



Linkedin



PROFESSIONAL EXPERIENCE

Software Engineer

Jan 2024 – present

The ENTERTAINER

- **Led frontend development and contributed as a full stack developer** on multiple projects for Dubai government entities, including Dubai Police, delivering high-quality websites and CRM portals that effectively managed cross-platform operations.
- **Collaborated with large, international teams** to integrate diverse product requirements, ensuring seamless coordination and successful project execution across different geographic locations.
- **Developed and maintained both frontend and backend components**, leveraging a comprehensive skill set to build and enhance scalable solutions that met complex client needs and improved overall system functionality.

Software Engineer

Dec 2021 – Jan 2024

Code District

- **Led frontend development and contributed as a full stack developer** to redesign and rebuild a large-scale legacy system for a major US-based client, enhancing performance by 70-80% through modern technologies and optimized database solutions.
- **Engineered and implemented a new scalable database** and system architecture from scratch, addressing performance issues of the legacy system and integrating new features based on client feedback.
- **Managed direct client interactions** as a dedicated resource, conducting requirements discovery, providing estimations, and collaborating with scrum masters and project managers to ensure successful project delivery and client satisfaction.

Web Developer

May 2021 – Dec 2021

724.one

- **Developed end-to-end applications** by gathering requirements, designing architecture, coding, testing, and deploying solutions for multiple small-scale startup projects, ensuring alignment with client needs and goals.
- **Collaborated with global teams** of designers and developers to deliver integrated solutions, coordinating across different time zones and managing cross-functional project workflows to meet diverse client requirements.
- **Led full-stack development efforts** including front-end and back-end tasks, leveraging modern technologies to build scalable and efficient applications from the ground up while maintaining strong client communication throughout the project lifecycle.



SKILLS

Front-end Development — JavaScript | TypeScript | React | NextJs | Redux | HTML5 | CSS3 / SASS | Ant design | Tailwind CSS | Bootstrap | Material UI | ShadCN

Backend Development — NodeJS | Express.js | MVC | RESTful APIs | GraphQL APIs

Databases (SQL / NoSQL) — PostgreSQL | MongoDB | Firebase

Cloud experience — AWS | Vercel | Netlify | Heroku

Tools — Git | Github | Bitbucket | Docker | Webpack

PROJECTS

Esaad by Dubai Police

Esaad is a digital transformation initiative by the Dubai government aimed at improving service delivery and efficiency across various government entities. It includes platforms for managing services, employee benefits, and other government functions.

Technologies Used

Web side: Javascript, React, Vite, Redux, Bootstrap, Google Maps, HTML, CSS

Cross-Platforms: Java, Kotlin

Backend: Python, Flask, AWS, SQL, Oracle, RESTful APIs

Barrett Values Center

Barrett Values Centre focuses on the study and application of values-driven leadership and organizational culture. They offer tools and frameworks to help organizations align their values with their strategic goals and improve overall effectiveness.

Technologies Used

Web side: Javascript, React, Umijs, Apollo GraphQL, Redux, Ant Design, Hasura, UI / UX

Cross-Platforms: Java, C#, .Net, Spring Framework, Spring boot, Maven, Microservice architecture,

Backend: Node.js, GraphQL, Hasura, AWS, Docker, Web services, Github, Github actions

Private Transfers Holland

Private Transfers Holland specializes in providing private and personalized transportation services in the Netherlands. They offer a range of transportation solutions, including airport transfers, corporate travel, and customized transport services.

Technologies Used:

Frontend: React, Redux, Ant design, XML, SASS, Axios, Google Maps, Google Places, Stripe Payments

Backend: Node, Express, Nodemailer, Stripe Payments, Google Maps, Firebase

Goosefix

Goosefix is a Consumer to Consumer based startup that focuses on providing services in every field. Clients can find professionals for any sort of tasks and can hire them directly through the platform.

Technologies Used:

Frontend: React, Redux, SASS, Axios, Ant design

Backend: Node.js, Express, Firebase

Infinity10x

Infinity 10x is a Learning platform that offers so many courses in various fields. It had a whole video platform where people can watch courses can do live comments, can resume courses where they left and much more.

EDUCATION

Bachelor's in Computer Science

2018 – 2022 | Lahore, Pakistan

COMSATS University 