OZAIR HASSAN

 Karachi, Pakistan   ✉ ozair.hassan123@gmail.com   ☐ (+92) 314-2119661

 www.linkedin.com/in/ozair-hassan   🌐 https://ozairhassan.com/

SUMMARY

Front-end | Back-end | Full Stack Developer | Expertise in MERN Stack, Next.js, TypeScript, and Tailwind | Proficient in developing robust backend systems, transitioning architectures, and integrating frontend with backend systems | Adept at creating optimized, responsive, and modern web applications | Committed to enhancing user experience and implementing secure, scalable solutions.

EXPERIENCE

Full Stack Developer   **January 2024 - Present, Remote**

IntelliGlanceTech (TechGlance)

HRMS

- Engineered comprehensive full-stack solutions utilizing MERN stack and React.
- Upgraded backend infrastructure to implement a Role-Based Access Control (RBAC) system.
- Developed and integrated a resilient policy management system.
- Architected the backend to facilitate migration from a monolithic to a microservices-based architecture.

Portfolio Website for Former Prime Minister of Kuwait

- Conceptualized and executed the design and development of the website with an emphasis on UI/UX principles.
- Collaborated on the seamless integration of the website with Concrete CMS.

Salon Application

- Replaced Chromium-based PDF generation with a custom-built solution using PDFKit, enhancing efficiency.
- Achieved a 50% reduction in response times for PDF report generation.
- Transitioned backend to an RBAC system for enhanced security and manageability.

Company Website Update

- Enhanced website responsiveness across multiple devices.
- Modernized the image viewing gallery by migrating from Venobox to FancyApps UI.
- Redesigned portfolio cards for a contemporary aesthetic and introduced an 'Ongoing Projects' section.
- Revamped the 'Our Tech Stack' section to improve clarity and presentation.
- Improved the FAQ section to enhance user experience.
- Updated the Contact section and Footer to display information more effectively.

Carbon Emission Tracking Tool

- Served as Temporary Technical Lead, overseeing project execution.
- Enhanced and maintained UI, integrating new feature sets.
- Developed the company website using Next.js for optimal performance.
- Optimized filter logic to facilitate user data navigation and analysis.
- Implemented a secure token workflow to safeguard sensitive information.
- Ensured frontend compliance with international standards for software releases.

Freelance   **August 2023 - Present**

I have been engaged in various self-initiated and small-scale projects.

Projects

- CryptoWatcher V2.
- Portfolio.
- ArticleDigest.
- InstaBank.
- CryptoWatcher.
- Todo Tracker.

Software Engineer Intern   **July 2022 – August 2022**

VA Lab affiliated with NCBC.

Internship

- Basics of Python & Computer Vision.
- Frontend for super resolution tool.
- Integration of frontend with Django backend.

SKILLS

Industry Knowledge: Full Stack Development, MERN Stack, Web Development, API Development, Server-side Rendering, Single Page Applications, Frontend Development, Backend Development, Authentication, Authorization, Continuous Integration, Continuous Deployment, Agile/Scrum methodologies.

Tools & Technologies: HTML, CSS, JavaScript, React, TypeScript, Next.js, Node.js, Express.js, Python, Django, GoLang, MongoDB, PostgreSQL, MySQL, Firebase, Vite, Tailwind CSS, Material-UI, Chakra UI, Redux, Mongoose, Three.js, React Three Fiber, React Three Drei, Git, GitHub, GitLab, Cypress, Jest, Postman, Context API, Docker, CI/CD (GitHub Actions), RESTful APIs, OAuth, JWT, Swagger, Socket.IO, Jira, Contentful.

Interpersonal Skills: Creative Problem Solving, Leadership, Communication, Strategic Planning, Problem Solving, Critical Thinking Analytical Skills.

Relevant Courses: Object Oriented Programming, Data Structures and Algorithms, Database Management Systems, Artificial Intelligence, Software Engineering, Software Project Management, Software Application for Mobile Devices, Engineering Ethics.

EDUCATION

Bachelor Of Computer Engineering, Bahria University Karachi Campus • July 2023 • 3.43 CGPA

PROJECTS

CryptoWatcher V2
- Updated original Crypto Watcher to MERN stack application.
- Tech Stack: MongoDB, Express, React, Node, Typescript, Tailwind.

Portfolio
- React app designed and developed to showcase a comprehensive portfolio of web development skills.
- Tech Stack: React, ThreeJs, Vite, EmailJS.

ArticleDigest
- Web app harnessing the power of the GPT-4 API for generating article summaries and Rapid API for translations.
- Tech Stack: React, Redux, Vite, Tailwind.

InstaBank
- Landing page for a dummy credit card company.
- Tech Stack: React, ThreeJs, Vite, Tailwind, EmailJS.

CryptoWatcher
- Web application that utilizes the CoinGecko cryptocurrency API.
- Tech Stack: React, Material UI, Tailwind.

Todo Tracker
- MERN app developed to allow for easy tracking and management of tasks.
- Tech Stack: MongoDB, Express, React, Node, Tailwind.

Final Year Project
- Virtual Reality Aided Control System for Unmanned Vehicles.
- Uses VR to enhance control systems for autonomous vehicles in developing countries, improving road safety.

Semester Projects
- Connect 4 versus AI.
- Stock Management System.
- Library Management System.