

Muhammad Owais Raza

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About Me

Passionate **Full Stack Developer** with expertise in front-end and back-end technologies, skilled in **ES6+** for writing clean and efficient code. I thrive on building **scalable applications** and am committed to **continuous learning and innovation**.

Technical Skills

- **Languages:** JavaScript (ES6+), TypeScript, HTML, CSS
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis
- **Frameworks/Libraries:** React.js, Next.js, Node.js, Express.js, Redux Toolkit, Tailwind CSS
- **DevOps:** Docker, AWS (Elastic Beanstalk, EC2, S3)
- **Tools:** Git, GitHub

Experience

Backend Developer Intern – Safecare Training and Services (Sep 2023 - Dec 2023)

- Designed and implemented **RESTful APIs**, improving application performance.
- Assisted in **database management and optimization** using SQL.
- Contributed to projects using **Git** for version control and collaboration.

Full Stack Developer – Nexavista Technologies (Jan 2024 - Present)

- Developed **full-stack applications** with **MERN, TypeScript, Next.js**.
- Debugged and optimized applications for enhanced **performance and user experience**.
- Built **AI-powered applications** using **ChatGPT and LangChain**.
- Worked with **SQL & NoSQL databases**, selecting the right database solutions per project needs.
- Collaborated effectively with teams to **deliver high-quality applications on time**.

Projects

AI Interview-Taking Web App

- Engineered the backend using **Node.js, Express, and MySQL** with **Sequelize ORM** for efficient data management.
- Developed an **AI-driven interview analysis system**, offering detailed performance metrics and insights.
- Designed and implemented a **super admin management system**, enabling companies to create and customize interview questions.
- Optimized backend performance, enhanced database query efficiency, and **deployed the platform on AWS EC2** for scalability and reliability.

ServicePay Web Application

- Developed a **user hierarchy system**, enabling parent and admin oversight of sub-user progress.
- Engineered a **secure and automated payout system** using **Stripe and PayPal**, ensuring seamless transactions.
- **Optimized application performance and load times**, enhancing the overall user experience.
- Ensured **efficient data management and transaction handling** by leveraging **Node.js and MySQL** for scalability and reliability.

Full-Stack Social Media App

- Designed and developed from scratch using **React.js, Node.js, TypeScript, and MySQL**, ensuring a **scalable, efficient, and modular architecture** with a clean, maintainable codebase.
- Implemented **real-time chat and notifications** using **WebSockets**, achieving **sub-second latency** for **seamless, dynamic user interactions**.
- Developed **core social media features**, including **posts, stories, high-resolution image and video uploads, follows, likes, and comments**, with an intuitive **UI/UX** for enhanced engagement.
- Integrated **multi-platform authentication**, supporting **Google OAuth** and **credentials-based login**, ensuring **secure access and a frictionless onboarding experience**.