

**MUHAMMAD ANAS**  
**MERN STACK DEVELOPER**

📞 03422155047 | ✉ [riazanus568@gmail.com](mailto:riazanus568@gmail.com) | 🔗 [LinkedIn](#) | [GitHub](#)

🏠 Nazimabad No. 1, Karachi

**EXPERIENCE**

**MERN STACK DEVELOPER**

**Virtuosoft**

**11/2024 – Present** | Karachi, Pakistan

*A software development company specializing in educational technology solutions.*

- Developed **Tutor Nest**, an online tutoring management system designed to connect students, teachers, and parents seamlessly.
- Implemented real-time communication, session scheduling, and user role management.
- Built using **Next.js, TypeScript, Prisma, and Redis**, ensuring scalability and performance.
- Designed a **multi-tenant architecture** using database isolation and role-based access control (RBAC), ensuring **secure and efficient data management** for multiple institutions.

**MERN STACK DEVELOPER INTERN**

**K-ELECTRIC 08/2024 – 09/2024** | Karachi, Pakistan

*A leading electric utility company in Karachi.*

- Developed a **user authorization application** using React.js, Express.js, and MongoDB, implementing **role-based access control (RBAC)**.
- Contributed to UI enhancements and front-end optimizations for internal company applications
- Collaborated with the backend team to integrate dynamic components and enhance user experience using **Express.js**.
- Focused on scalability, security, and efficient database management.

**FRONT-END DEVELOPER**

**VLD Solution**

**03/2024 – 07/2024** | Karachi, Pakistan

*A web development company specializing in travel and hospitality.*

- Engineered an **innovative travel website** featuring intuitive navigation and eye-catching visuals, leading to a **40% increase in user engagement** within the first month of launch.
- Implemented a **responsive design** ensuring smooth functionality across mobile and desktop devices.

- Focused on engaging users with **soft colors**, **elegant typography**, and **effective call-to-action buttons**.

## SUMMARY

Undergraduate **Software Engineering** student at the **University of Karachi (UBIT)** with a passion for **web development** and **backend technologies**. Skilled in **Next.js**, **JavaScript**, **Prisma**, and **Redis**, with experience in building **user authorization systems** and optimizing databases. Adept at creating **scalable and secure applications**.

## EDUCATION

### *Certification*

#### **Saylani Mass IT Training Program**

**2021 – 2022** | Karachi, Pakistan

### *BS Software Engineering*

**University of Karachi (UBIT)** | Expected Graduation: **2025**

**11/2021 – 11/2025** | Karachi, Pakistan

### *Pre-Engineering*

#### **SM Science College**

**03/2019 – 04/2021** | Karachi, Pakistan

## SKILLS

- **Front-end:** HTML, CSS, JavaScript, React.js, Next.js
- **Back-end:** Node.js, Express.js
- **Databases:** MongoDB, PostgreSQL, Prisma
- **Version Control:** GitHub