

# Muhammad Waleed Khan

Senior Full Stack Developer

@ waleedkniazi@gmail.com   [linkedin.com](#)   📍 Lahore, Pakistan

## SUMMARY

With over 5 years of experience in software development and a passion for cloud technologies, I have led teams and projects that drive innovation and efficiency. My extensive background in Node.js, combined with a proven track record in Agile environments, positions me as an ideal candidate for challenging and impactful roles.

## EXPERIENCE

Lead Full Stack Developer 06/2022 - Present

Amrood Labs Lahore, Pakistan

- **Developed and maintained scalable web and cross-platform applications** using **React**, **Next.js**, **React Native**, **Electron.js**, and **Node.js**, delivering high-performance solutions across web and desktop.
- **Built robust backend services** with **NestJS** and **Express**, and integrated **REST APIs** connected to **MongoDB** and **PostgreSQL** for efficient data management.
- **Optimized API and background task performance** by implementing **Redis caching** and **BullMQ job queues**, improving throughput and reducing response times significantly.
- **Implemented secure authentication systems** using **JWT** and **Bcrypt**, ensuring strong data protection and compliance with security best practices.
- **Integrated modern UI frameworks** such as **Material UI** and **Tailwind CSS** to deliver responsive, accessible, and user-centric interfaces.
- **Established CI/CD pipelines** with **GitHub Actions** and **GitLab CI**, enforced code quality with **ESLint** and **Prettier**, and boosted developer efficiency using **npm**, **pnpm**, **yarn**, **Postman**, and **EmailEngine**.

Software Engineer 06/2021 - 05/2022

Createex Lahore, Pakistan

- **Developed and launched cross-platform mobile applications** using **React Native (CLI and Expo)** with **Node.js** backends, achieving over **100K active users** within the first year.
- **Optimized app performance and data synchronization** by integrating **MongoDB** and implementing efficient API structures, improving data retrieval times by **50%**.
- **Implemented secure authentication and encryption mechanisms** ensuring robust **user data protection** and compliance with modern security standards.
- **Enhanced backend reliability and scalability**, reducing **server downtime by 40%** through effective monitoring, caching, and asynchronous job handling.
- **Led collaborative coding and knowledge-sharing sessions**, improving team proficiency in **React Native**, **Expo**, and **modern JavaScript practices**, ensuring consistent code quality across projects.

Quality Lead 11/2019 - 05/2021

Mindbridge Lahore, Pakistan

- **Led and supervised a team of 350 employees** in the call center, ensuring consistent service quality, adherence to KPIs, and a culture of continuous improvement.
- **Developed and implemented new Standard Operating Procedures (SOPs)** to streamline workflows, enhance efficiency, and maintain high-quality customer interactions.
- **Monitored performance metrics and conducted regular quality audits**, identifying gaps and initiating targeted training programs to improve customer satisfaction scores.
- **Collaborated with cross-functional departments** to refine processes, reduce handling time, and enhance the overall user experience across customer touchpoints.

## EDUCATION

Bachelor of Science in Computer Science 03/2015 - 08/2019

Qarshi University Lahore, Pakistan

## KEY ACHIEVEMENTS

### ★ Diverse Application Development

Designed and developed multiple scalable, high-performance applications using **React**, **Next.js**, **React Native**, **Node.js**, **NestJS**, and **Electron.js** across diverse domains including **SaaS**, **automation**, and **real-time systems**.

### 🔧 Agile Transformation Pioneer

Played a key role in transitioning the engineering team to **Agile and Sprint-based workflows**, improving **project delivery speed**, **collaboration**, and **adaptability** across full-stack **JavaScript (React, Node.js, NestJS)** projects.

## SKILLS

JavaScript • TypeScript • HTML5 • CSS3 •  
React • React Native • Next.js • Electron.js •  
NestJS • Node.js • Express • Redux • Zod •  
Material UI • Tailwind CSS • REST APIs •  
JWT • Bcrypt • BullMQ • Redis • MongoDB •  
PostgreSQL • npm • pnpm • yarn • ESLint •  
Prettier • Postman • EmailEngine • GitLab •  
GitHub

## PROFESSIONAL PROJECTS

Uni Learn (<https://www.uni-learn.online/>)

Developed the marketing page of the application using **Next.js** and **Tailwind CSS**, and implemented **step form** and **quiz reporting** functionalities. The application is **fully responsive** and **SEO optimized**.

<https://app.success.ai>

Full-stack developer experienced in building scalable web platforms with **React.js**, **Next.js**, **NestJS**, **Redis**, and **BullMQ**. Contributed to core modules like **LeadFinder**, **Campaigns**, and **Email Warmups**, improving automation, performance, and user experience across enterprise systems.