Sarmad Masud *Full Stack Developer*

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in LinkedIn

PROFILE

Experienced Software Professional skilled in React, Node.js, TypeScript, and cloud deployment, with a strong background in real-time processing and scalable application development. Proven expertise in API integration, system architecture, and DevOps workflows, with hands-on experience across all stages of the software lifecycle. Adept at collaborating with international clients across Qatar, the UK, Pakistan and mentoring developers, with a track record of innovation, performance optimization, and success in coding competitions.

EXPERIENCE

Netsol Technologies, *Software Engineer*   01/2024 – Present
- Built and optimized front-end applications in **React.js** and **TypeScript**, improving performance and UX.
- Developed and integrated **Express.js APIs**, ensuring scalability and efficient middleware processing.
- Deployed applications on **Azure Red Hat** and **AWS EC2**, managing domain and SSL configurations.
- Implemented **Dockerized Nginx** environments and **GitHub Actions** for automated CI/CD.
- Mentored junior developers and reviewed code to maintain quality and consistency.

IT Dukes Pvt, *MERN Stack Developer*   07/2022 – 01/2024
- Designed and maintained full-stack applications using **MongoDB, Express.js, React, and Node.js**.
- Developed RESTful APIs and optimized database queries for performance.
- Deployed web apps on **AWS** and **Heroku**, streamlining CI/CD pipelines.
- Collaborated with clients to define requirements and ensure timely delivery.

Various Clients, *Freelance Developer*   2020 – 2023
- Delivered custom **WordPress and eCommerce** websites across industries such as fashion, healthcare, and digital marketing.
- Focused on performance optimization, responsive design, and seamless payment integration.

KEY PROJECTS

The Bircle – B2B Platform
Developed a scalable **B2B platform** using **Next.js** and **Spring Boot**, integrating **AI-based content suggestions** for user posts. Focused on performance optimization, seamless API integration, and deployment on **Microsoft Azure**.

The Bircle – Admin Panel
Built an **Admin Panel** in **React** with **Ant Design**, **Redux Toolkit**, and **Recharts** for analytics; implemented dynamic dashboards and deployed on **Azure** as part of the web portal ecosystem.

RoleFit Al

AI-driven resume scanning and ranking system built with **React**, **Node.js**, and **DynamoDB**. Integrated **OpenAI APIs** for intelligent resume-job matching and visualized data insights using interactive dashboards.

Roda BI – Business Intelligence Platform

Developed responsive **front-end interfaces** for an AI-driven analytics platform using **React**, **Tailwind CSS**, **SCSS**, **Redux Toolkit**, and **Recharts**. Focused on building interactive dashboards, performance-optimized data visualizations, and seamless API integration with the **Spring Boot** backend.

Auto Bid

Developed an **AI-powered RFP automation tool** using **React**, **Node.js**, and **MongoDB**. Implemented role-based access control, collaboration dashboards, and automated Excel import/export features.

SAWA – Ride-Hailing App

Built the admin dashboard and microservice gateway using **React**, enabling efficient management and scalability.

Weather Prediction Model (Machine Learning)

Created a **React**-based frontend integrating **Machine Learning** outputs and **Google Maps API** for real-time weather forecasting and visualization.

Portfolio & Client Websites

Designed and deployed websites such as **Rima Athar (eCommerce)**, **Giggle Cosmetics**, **Hand Embroidered Closet**, and **UOL Innovation Olympiad**, focusing on performance and responsive design.

EDUCATION

University of Lahore (UOL), Lahore,   02/2023
Bachelor of Science in Computer Science

HONORS & AWARDS

Winner - App Development Competition - Innovation Olympiad, *University of Lahore*

Winner - Speed Programming Competition - Beam 5.0, *University of Lahore*

Finalist - Speed Programming Competition - The Taakra, *University of Central Punjab*

Director IT Support - UOL Innovation Olympiad 2.0 & 3.0, *University of Lahore*

Lead Event Organizer, *Managed multiple tech events and seminars.*