

MUHAMMAD ALI

Sr. Software Engineer | MERN Stack Developer

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SUMMARY

Full-Stack Software Engineer with more than 7 years of technical experience developing systems, consulting and establishing cloud infrastructure for startups and software products. Being a professional software engineer means understanding the requirements and building a system that supports the customer base and scales as per business needs. I am proficient in modern web and mobile technologies, cloud infrastructure platforms like AWS, and blockchain technologies.

PROFESSIONAL EXPERIENCE

Full-Stack Web Developer | MERN Stack

Reputation X | Toptal

📅 12/2019 - 08/2022 📍 San Francisco, California, US

- Developed a NodeJS based system that scrapes through your search results on Google and based on your feedback of what's good and bad, it provides a list of actions you can take to improve your ranking.
- The front-end of the website was developed in ReactJS.
- I proposed a graph-based solution that reduced the processing time by 200% and was scalable in terms of adding new actions and feedback we can take to make the algorithm better.
- Caching and Memoization were integrated to make sure the results weren't calculated twice and thus saved processing power to be consumed.

Design System Engineer | React Engineer

Prysm | Toptal

📅 12/2021 - 08/2022 📍 San Francisco, California, US

- As a design system engineer, my role was to develop and ensure that components designed are accessible, performant, scalable, and robust.
- Worked closely with Product Designer to ensure components designed are translated well in the system and provided consultation regarding complex components and their usage in the system.
- Developed design system for web application in ReactJS, Typescript and presented in Storybook.
- Stitches and Radix were used as the basis because of their accessibility compatibility components and scalable attributes.
- Tested and refined components to make sure Accessibility attributes are taken care of, and are working on different factors.
- Created compound components to document and present how the components will group together to establish different sections of the actual website.

Team Lead, Sr. Consultant, CTO

LogicFab (Pvt.) Ltd.

📅 10/2017 - Ongoing 📍 Lahore, PK

- Worked on vehicle tracking applications like Uber, aimed at trucks and heavy-duty vehicles. The system was developed using NodeJS and ReactJS and the responsibilities were to contribute and lead an entire project.
- Developed Android & iOS mobile application regarding Barter system using React Native. I was appointed to fetch requirements from US startup, design system's architecture and develop it within 6 months of timeframe. This app is still adding new features and have received various other investments and gaining regular customers.
- I used coordination and planning skills to achieve results according to schedules on various projects.
- As the team lead, I communicated with the client and made sure projects are running at a smooth pace, contributed to the project as a developer myself, along with maintaining code quality and ran tests.

Full-Stack Web Developer

Digital Art Solutions

📅 01/2016 - 07/2017 📍 Lahore, PK

- The largest project built here was a freelancing platform like Fiverr using Laravel. As for payment processing, Stripe and PayPal were used. Was in a team of 4 developers and my roles were to both contribute to the back-end and front-end.
- Prepared variety of different written communications, reports and documents.
- Resolved problems, improved operations and provided exceptional service.

EDUCATION

Bachelor of Science: Software Engineer

University of Management And Technology

2015 - 2019  Lahore, PK

TECHNICAL SKILLS

ReactJS

NodeJS

MongoDB

React Native

Blockchain

Ethereum

Solidity

PHP

Laravel

Amazon Web Services (AWS)

JavaScript

HTML / CSS

Bootstrap

Flutter

DevOps

Docker

Kubernetes

Jenkins

NestJS

TypeScript

ACHIEVEMENTS

✓ **2nd Runner-Up | ICPC Asia Regional Speed Programming Competition**

This pushed me to my limits and beyonds in problem solving aspects and was a very learning experience in terms of creating algorithm solution that is efficient and scalable with huge dataset.

CERTIFICATIONS

 **Ethereum Blockchain Developer Bootcamp With Solidity**

Udemy - Bootcamp

 **Build an Ethereum Blockchain App**

LinkedIn Learning - Learning Path