



# Muhammad Sarfaraz

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MERN Stack Developer (2 years)

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## SUMMARY

A highly skilled Full Stack Software Engineer with a core expertise in MERN stack web development. With 1.5 years of hands-on experience. My proficiency spans the entire software development life cycle, from conceptualization and architecture to implementation and maintenance. Through my diverse projects, I have honed my problem-solving abilities, teamwork, and adaptability, ensuring effective collaboration and delivery of high-quality software solutions.

## Technical Skills

- Fluent in HTML, CSS and Javascript
- Proficient in React JS with Redux, Node JS, Nest JS and Next JS
- Git/Github/ Gitlab
- MongoDB and SQL
- Experienced in React Native

## CERTIFICATIONS

### MERN stack BootCamp

@GameTrain, Lahore | june to aug 2022

- Participated in an intensive three-month MERN Stack Development. The bootcamp focused on the MERN stack,

## EDUCATION

### Superior University Lahore

- Bachelor's Degree in Computer Science (BSCS) 2018-22

## PROFESSIONAL EXPERIENCE

### AccellionX | Lahore

March 2023 - Present

- Contributed as a Software Engineer at AccellionX engaging in the development of diverse projects.
- Demonstrated proficiency in MERN stack development
- Utilized Nest JS to further enhance the backend infrastructure.
- Gained hands-on experience with Next JS
- Implemented web scraping techniques
- Worked with Chrome extensions.
- Collaborated effectively with cross-functional teams, participated in code reviews, and contributed to the overall growth of the development team at AccellionX.
- Worked with React Native to develop cross-platform solutions for both iOS and Android.

### PenAndWeb | Lahore

Sep 2022 - Feb 2023

- Commenced my professional journey as a Junior MERN stack Developer at PenAndWeb
- Actively engaged in the development life cycle, from conceptualization to deployment, contributing to the enhancement of existing projects and the creation of new features.
- Collaborated closely with senior developers, actively participating in implementing best practices to improve code quality and project efficiency.
- Gained exposure to agile development methodologies,

# Projects

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## Airbnb Data Scrape:

Developed a robust data scraping tool using the MERN stack to proficiently extracting, gather and analyze information from Airbnb listings.

**Technologies:** MongoDB, Express.js, React, Node.js, Puppeteer

## Medical Desktop Application:

Developed a medical desktop application, seamlessly translating Figma designs into a robust Electron.js-based platform. Integrated professional insights from system doctors to provide users with personalized health suggestions, ensuring a comprehensive and user-friendly healthcare experience.

**Technologies:** Electron.js.

## Frontend Enhancement - Southeast Asia E-commerce

Revitalized the frontend of a multi-country e-commerce application across Southeast Asia, leveraging React.js with Redux. Implemented key improvements and user-centric features, enhancing the overall responsiveness and user experience of the platform for diverse markets.

**Technologies:** React.js, Redux.

## Figma to React Conversion - Blockchain Transaction App

Led the conversion of Figma designs into a React-based web application, emphasizing blockchain technology and seamlessly integrating a cryptocurrency wallet. Ensured a user-friendly and secure platform for efficient cryptocurrency transactions, enhancing the overall functionality of the application.

**Technologies:** React.js, Crypto Wallet Integration.

## Fitness Videos Mobile App - React Native

Conceptualized and developed a React Native mobile application for iOS and Android, resembling the engaging format of TikTok videos. The app focused on fitness content, providing users with an interactive platform for accessing workout videos. Additionally, crafted a comprehensive admin dashboard to efficiently manage and curate the content.

**Technologies:** React Native, Node.js, Express.js, MongoDB, Expo, Admin Dashboard in MERN Stack.

## Document Extractor - React.js & Node.js

Engineered a robust document extractor utilizing React.js for the frontend and Node.js for the backend. The application excelled in extracting intricate formatting details such as bold, italic, and underlined styles from various documents. Contributed to enhanced document analysis capabilities, facilitating efficient processing of styled text content.

**Technologies:** React.js, Node.js.

## Chrome Extension Issue Fixes

Addressed and resolved issues with Chrome extensions, including troubleshooting and refining functionality for a Twitter auto-reply extension and an Instagram post view status disabling extension. Implemented fixes to ensure seamless performance and user satisfaction, demonstrating a keen problem-solving aptitude in the realm of browser extensions.

**Technologies:** JavaScript, DOM Manipulation