MUHAMMAD NUMAN ARSHAD

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Senior Software Engineer | Full-Stack Developer

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OBJECTIVE

Seeking a senior software engineer position in a fast-paced environment that will give me the opportunity to apply and improve my skills and abilities for the organization as well as to improve the level of expertise along with the organization objective.

SKILLS

- **Programming Languages:** JavaScript, Typescript.

- **Frontend:** HTML5, CSS3, SASS, React/Redux, Rtk query, Vuejs, Material-UI, Ant-Design, Bootstrap, Tailwind.

- **Backend:** Nodejs, REST APIs, Express.js, WebSockets.

- **Database:** PostgreSQL, Mysql, MongoDB, Firebase RealTime Database.

- **Tools:** VSCode, Visual Studio, Postman, Eslint, Prettier, Husky, Slack, Git.

- **Cloud:** Heroku, Mongo atlas, Firebase, Azure (Redhat), AWS (EC2).

- **DevOps:** Nginx/Apache, Domain/SSL configuration, Docker, and GitHub Actions.

EXPERIENCE

Netsol Technologies   *April 2021 - Present*
Senior Software Engineer
Working as Full Stack Developer

- Transformed Bootstrap React.js project, elevating UX to a seamless experience with API integrations, expertly crafting UI components, and prioritizing Scalability and Performance Optimization.

- Setup deployment environments on Azure Redhat (staging) and AWS EC2 (production) using Apache server, SSL, and Domain Configuration for robust application hosting.

- Implement Express.js routing and middleware, third party socket integration in nodejs to handle and manipulate multiple API requests and how to utilize them in apps.

- Conducted code reviews to ensure high-quality and collaborative development practices.

Codility Solutions   *July 2020 - April 2021*
Software Engineer
Worked as Frontend Developer

- Transformed a Bootstrap React.js project, making the user experience seamless by converting design ideas into interactive features.

- Integrated APIs and create reusable UI components for a polished front end.

FINAL YEAR PROJECT

- **Multi-tenant System for Sales and Distribution:** Multi-tenant architecture-based SaaS made a secondary sales platform especially for distributors and sales agents in the market. It provides different services for distributors and sales agents including real-time location tracking of sales agents for distributors. It consists of both web and mobile applications.

– **Tools and Technologies:** React & Redux, Asp.Net Core, Material-UI, MS SQL sync with Azure Cloud, Java/Android, VSCode, Visual Studio, Android Studio.

PROJECTS

- **SAWA:** A mobile ridesharing service that allows users to post a trip request to be fulfilled by crowd-sourced partners. The smartphone app connects drivers with passengers in search of a ride. Customers can schedule and arrange transportation. Admin can manage staff admin, monitor real-time rides and reports.
  Roles and Responsibilities: Set up frontend using react, redux toolkit, ant-design and worked on various modules. setup backend using node/express. Setup staging (Azure).
  Tools and Technologies: React/Redux, Tailwind, Ant-Design, Recharts, Postgres Node/Express, Kafka, Redis.

- **MTJ-Foundation:** Online non-profit fundraising platform, Managed donor relations, facilitated web-based donations, and coordinated cash, banking, and in-kind contributions.
  Roles and Responsibilities: Set up frontend using react, redux toolkit, ant-design and worked on various modules. setup backend using node/express. Setup staging (Azure) and production(AWS EC2) environment using Apache, Domain name configuration on namecheap.
  Tools and Technologies: React/Redux, Tailwind, Ant-Design, Recharts, Node/Express.

- **FareShare:** Online Fundraising Platform for Charity.
  Roles and Responsibilities: Worked as a lead frontend developer for developing applications from scratch by converting UI design to a responsive web application. Configure Google Analytics to track page visitors. API creation in the backend. https://shopandshare.co.uk/
  Tools and Technologies: React/Redux, React-Dnd, React-GA, React-Paypal, Ant-Design, GitHub.

- **Real Estate web application** Real estate web application to manage properties. https://samarasestate.com/
  Roles and Responsibilities: Worked as full stack developer.
  Tools and Technologies: React/Redux, Nodejs, Express js, MongoDB, Mongo Atlas database as service, Cloudinary as images hosting, Heroku (staging server), GitHub workflows actions for Heroku deployments, AWS hosting (production server) using Nginx as reverse proxy server.

- **Pesaswap:** Spearheaded the development of a B2B point-of-sale system revolutionizing digitalized purchasing and selling processes. Pioneered geolocation tracking for delivery agents, optimizing item delivery efficiency. Streamlined B2B transactions, enhancing both buying and selling experiences. https://stagingpesaswap.z22.web.core.windows.net/
  Roles and Responsibilities: Worked as frontend developer.
  Tools and Technologies: React/Redux, Asp.net Core, Azure Cloud.

- **Travel Agency app** Group Chat and Notification module https://defizeuhfjkyrhbfkjhz.herokuapp.com/
  Roles and Responsibilities: Worked as full stack developer and implemented real-time group chat application.
  Tools and Technologies: React/Redux, MongoDB, Nodejs, Expressjs, Heroku, Socket.IO.

ACHIEVEMENTS & CERTIFICATIONS

– Team Appreciation Certificate on outstanding performance by Netsol (October-2022)

– Outstanding Performance award by Netsol (December-2021)

– Outstanding Performance award by Netsol (September-2021)

– Rising Talent award by Codility Solutions (March-2021)

EDUCATION

University of Engineering & Technology, Lahore   *Sep 2016 - Jun 2020*
Bachelor of Science in Computer Science
Department of Computer Science