

Mirza Usman Tahir

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Summary

Results-driven Senior Full Stack Developer proficient in Javascript, NodeJS and its frameworks. Proven track record of services in complex web applications. Seeking a strong role to leverage my skills and contribute to innovative projects.

Career Summary / Highlights

- Backend focused Senior Full Stack Engineer with 8 years of experience in revolutionizing traditional solutions using advanced technologies..
 - Strong proficiency in JavaScript, ES6, NodeJS, Async programming, Promises, ReactJS, Hooks, Redux, Context API, Web concepts.
 - Experience in designing backend using REST APIs, ExpressJS, NestJS, Sequelize, Postgres, MongoDB and its unit test coverage using Jest.
 - Contributed services in pivotal projects for USA-based clients, optimizing decision intelligence systems and financial solutions like tip management platforms.
 - Adept at managing relational and non relational databases, implementing AI-based recommendation systems, and driving subscription module innovations.
 - Completed a Master's in Information Security to augment secured technical proficiency.
 - Flexible to work in any technology. Keen to learn new technologies.
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Experience

Senior Full Stack Engineer

Emumba Private Limited • Islamabad, PK
03/2024 - Present

- Actively contributing as a senior resource in a Decision Intelligence System(Aera) for a USA based client.
- Utilized Micro-frontend concept to migrate towards latest web technologies.
- Regular code reviews of team members.
- Developed custom build styling library being used in project to have consistent styling throughout the application.
- Demonstrated problem-solving skills in resolving technical challenges.
- Part of interviewers panel for senior resources being hired at Emumba.

Senior Software Engineer

Noorix Technologies • Sydney, Australia (Remote)
07/2023 - 02/2024

- Integrated credit/debit card transactions handling.
- Introduced trial-based subscription module to increase product profitability.
- Implemented recurring subscription module using Chargebee in Tip Management System.
- Developed cron jobs to synchronize data across platforms.
- Collaborated with cross-functional teams to ensure project success.
- Conducted code reviews to maintain high-quality standards.

Senior Software Engineer II

10Pearls, LLC • Islamabad, PK
06/2021 - 07/2023

- Received Employee of the Month award (among 1500+ employees) in September 2021.
- Integrated Zoho email ticket automation to be able to reply directly from client application.
- Implemented complete notifications module from backend to frontend using Google cloud messaging service.

- Developed a chrome extension to fetch data from third parties.
- Introduced bot mode in chrome extension to support hundreds of parallel executions.
- Implemented data cleaning services using NodeJS and Sequelize.
- Enhanced efficiency of AI-based recommendation system through refined candidates data.
- Collaborated with team members to optimize data processing workflows.
- Contributed to the continuous improvement of data management processes.

Web Engineer

Bitsol Technologies • Islamabad, PK

09/2019 - 06/2021

- Designed and developed applications using MERN stack.
- Developed cross browser responsive designs, optimized with mobile first approach.
- Gained hands-on expertise in ExpressJS, NodeJS as well as front-end presentation frameworks such as
- Bootstrap, MaterialUI, Foundation etc.
- Worked on REST API design and implementation using NodeJS, ExpressJS and MongoDB and testing with Postman.
- Worked on user authentication and authorization with JSON web token and PassportJS.

Software Engineer

JIN Technologies Private Limited • Islamabad, PK

07/2016 - 09/2019

- Implemented ticket management module using PHP Symfony.
- Worked on slack APIs to automate workflows.
- Single-handedly migrated complete data from one project management tool(Basecamp) to other(Wrike) via Rest APIs.
- Developed cleaner services to optimize large sized MYSQL database.
- Developed an automated time logging tool for team to save daily hustle.
- Developed live leader boards for horse racing grounds using Node-Red being monitored by cameras in real time.
- Worked on custom HTML, CSS, JQuery, Bootstrap, responsive design.

Major Projects

Tip Pool Management System:

Technologies/Platforms:

ExpressJS, ReactJS, Jest, Rest APIs, Lambda Functions, WebHooks, TypeORM, Figma

Description:

- The project covers the even distribution of employees tips in their banks based on their shift timing and the work they are doing.
- Implemented monthly payments handling for subscribed users on back-end.
- Developed flows to post reminders for those with late payments and gradually locking down the system for them.
- Implemented webhooks listeners in NodeJS to invalidate the user accounts on subscription expiry.
- Implemented two factory authentication via SMS including token expiry and blocking with limits per hour flows.
- Implemented database transactions to ensure the consistency of amounts.
- Implemented cron jobs in NodeJS to keep track of users activities and raise alarms based on it.
- Regular team code reviews.

Betts Recruiting(Application Tracking System):

Technologies/Platforms:

ExpressJS, Angular, Jest, Swagger, Rest APIs, Elastic Search, Sequelize, Figma, Git Hooks, Chrome Extension, Redis

Description:

- This ATS project is USA based recruitment solution which covers all stages from listing recommended candidates for jobs to getting them hired.

- My role specifically was on recruiters side to provide them good candidate suggestions.
- Implemented data cleaner services in NodeJS.
- Developed chrome extension to fetch data from multiple web resources.
- Added feature of Bot Mode in extension to keep on working automatically in parallel for hundreds of recruiters.
- Crafted a dashboard to display the collected/refined data progress via graphs.

Mosaik Homes(Real Estate Project):

Technologies/Platforms:

NestJS, ReactJS, Jest, Swagger, Rest APIs, Sequelize, Figma, Redis, MongoDB, Postgres, Google Maps Integrations

Description:

- This is a US based real estate project which aims to suggest best properties based on vast user defined filters.
- It had so many integrations with third party services including google maps, distance calculator APIs, google places reviews APIs and many more.
- It uses MongoDB to save unstructured properties data then transform it to save in postgres.
- It worked on integration of two new third party providers which covered different new geographies.
- Implemented a uniform and standard structure of property data in NodeJS so they be extended further in future for rest of the integrations.
- Integrated fetching of two new geographies in system on back-end side.
- Optimized the real time depiction of property score.
- Updated project structure to make it scalable in future.

Skills

JavaScript, NodeJS, ReactJS, Typescript, OAuth, Redis, AWS S3, AWS SQS, AWS SNS, AWS SES, AWS EC2, Swagger, Jest, Sequelize, TypeORM, Postgres, MongoDB, CSS, SCSS (Sassy Cascading Style Sheets), MaterialUI, PHP, Github Hooks, Web Sockets, Webpack, Chrome Extension, Docker

Certificates

Speed Programming Certificates, Web Development Competition Certificates, Javascript - Hackerrank

Education

Masters in Information Security

Riphah International University • Islamabad, PK
02/2021

Major Subjects:

- Incident Handling
- Ecommerce Safety
- Cryptography
- Digital Forensics
- Malware Analysis

Bachelors of Engineering in Information Technology

UET Taxila • Islamabad, PK
06/2016

Major Subjects:

- Computer Science
 - Data Structures
 - Object-Oriented Programming
 - Computer Networks
 - Software Engineering - Advanced
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