Zulqarnain Abbas

Full-Stack Developer

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Open to remote work

Experienced Full-Stack Developer with a strong track record in designing and developing scalable software solutions. Proficient in modern single-page applications, secure back-ends, and cloud technologies. Committed to delivering high-quality code and exceeding project goals. Skilled in React, NodeJS, ExpressJS, AWS, and microservice architecture.

EDUCATION

Bachelor of Science in Computer Science, *National University of Computer and Emerging Sciences*   Aug, 2020

KEY SKILLS

Languages	Typescript, JavaScript, Java, Python
Databases	MySQL, SQL, MongoDB, DynamoDB
Frameworks / Libraries	ExpressJS, NodeJS, NextJS, Spring Boot, Angular, React
Testing Libraries	Jest, Mocha
Tools	AWS (SQS, Opensearch, Lambda), OpenAI, Docker, Redis, Git, Postman, Jira

TECHNICAL EXPERIENCE

Fullstack Engineer   **Feb 2022 — Present**
Conrad Labs (Autolabs)   *Lahore, Pakistan*

- Enhanced existing microservices by implementing new features, further strengthening the application's functionality.
- Built a platform notification module with AWS AppSync, improving user activity within the application.
- Implemented global search feature with Amazon OpenSearch Service and AWS ECS, reindexing 13 million records per index, achieving 30% productivity boost with 30% faster search times.
- Introduced a new Lambda function to send ROI reports to customers, resulting in a significant revenue increase.
- Successfully implemented a Campaign Nurturing feature, boosting customer engagement by 15%.
- Led a Proof of Concept (PoC) focused on integrating Generative AI into the application.
- Actively involved in developing an assistant using OpenAI APIs to improve Amazon Lex's accuracy rate from 25% to 90%.
- Conducted high-level code reviews to maintain code quality and consistency.
- **Technologies:** TypeScript | React | NodeJS | AWS | PostgreSQL

Conrad Labs (Marcus Technologies)   *Lahore, Pakistan*

- Spearheaded the development of REST APIs using Java Spring Boot.
- Innovated by introducing a global UIKit module, reducing front-end development time by 20%.
- Automated email processes, resulting in a 15% reduction in user manual effort.
- Transformed a legacy Angular application structure into a well-organized SPA project.
- Conducted client demos and actively participated in requirements gathering.
- Managed agile development using JIRA and led high-level code reviews.
- **Soft Skills:** Leadership, Teamwork, Time Management, Logical Thinking, Communication, Presentation skills.
- **Technologies:** TypeScript | React | NodeJS | AWS | Spring Boot - Java 11 | ElasticSearch | MySQL | Hibernate | Flyway | Angular 12

Software Engineer   **Sep 2020 — Jan 2022**
Dubizzel Labs (EMPG LABS)   *Lahore, Pakistan*

- Engineered REST APIs in NodeJS to provide data to a third-party mobile application for data visualization for a 100k+ user base.
- Achieved a 25% reduction in deal cancellations by developing expiry calculation rules and leveraging AgendaJS.
- Designed and implemented a SchedularService for scheduling business-defined rules.
- Dramatically improved server response time by 50% through the revamping of a legacy feature.
- Authored migrations for data updates and database schema changes using Sequelize ORM.
- Actively participated in daily code reviews and maintained code quality.
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.
- **Technologies:** Angular | TypeScript | Redis | MongoDB | MySQL | ExpressJS | NodeJS | JavaScript | Sequelize

PERSONAL PROJECTS

🔗 **Share-me** | *React, Tailwind, Sanity.io*   **August 2022**
Developed a fully responsive social media application that allows users to create their profile and manage their news feed. Implement user authentication using Google Auth API. Fetch user data from the Sanity backend and use Masonry Layout to show the news feed on the front end. Users can search and filter the user posts.

🔗 **Personal Portfolio App** | *React, Tailwind, ExpressJS*   **October 2022**
Developed a fully responsive personal website to showcase my portfolio and experience history. Implement send email feature using node mailing service.