Muhammad Shaeel

Islamabad, Pakistan

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Education

International Islamic University Islamabad (IIUI)   June. 2016 – Sep 2020
Bachelor of Science in Computer Science   *Islamabad, Pakistan*

Experience

DPL   **Feb 2024 – Present**
Software Engineer   *Islamabad, PK*

A leading IT consulting and services company and Microsoft Certified Partner, serves various Fortune 500 clients across the US, UK, and Europe.

- Contributed to the migration of 2-3 monolithic modules to a Lambda-based event-driven microservices architecture.
- Implemented event-driven workflows and integrations using AWS SNS, SQS, and other messaging services, while monitoring and optimizing microservice performance with AWS CloudWatch.

DAO Proptech   **Oct 2021 – Feb 2024**
Full Stack Developer   *Islamabad, PK*

Reshaping the real estate landscape in Pakistan, Dao Proptech is driving trans formative change. With its platform, it offers a comprehensive solution that empowers a vast community of investors and buyers in the region.

- Led the implementation of core product features, including Payment and Transaction flows, and Role-Based Access Control (RBAC) for a multi-tenant architecture.
- Devised customized promotional campaigns and discount coupons to target distinct customer segments, resulting in a considerable increase in the average revenue generated by each user (ARPU).
- Implemented a surge pricing structure just like Uber and Careem for a booking application to keep up with the increased demands and limited supply.
- Engineered and deployed an advanced task scheduler to strategically optimize resource allocation, resulting in a substantial enhancement of overall system efficiency.
- Improved core product features based on elicited feedback, leading to a 20% surge in user engagement for an Online Investment Portal, as measured through Google Analytics.

Solis Solution's   **Sep 2020 – Oct 2021**
Software Engineer   *Islamabad, PK*

A product-based startup revolutionizing the world of professional football in Belgium and beyond. With a global reach, they provide cutting-edge services to some of the country's most prominent football clubs.

- Introduced a feature that enabled the tracking and scheduling of digital ads on electronic billboards, catering to the advertising needs of over 20 renowned football clubs at an international level.
- Spearheaded a top-to-bottom overhaul of core back-end services such as Authentication and Logging Mechanisms increasing performance gain by 50%.
- Led backend effort to prototype additional features/modules and carried out multiple instance's deployments on AWS VM running an Nginx web server.
- Revolutionized data analytics through the implementation of an automated log ingestion system, slashing manual workload by an impressive 95%.
- Developed, and launched a sophisticated web-based Social Media Marketing (SMM) tool that integrated Facebook and Instagram's Graph APIs. This solution eliminated the need for manual intervention by 100%.

Technical Skills

Languages: JavaScript, Typescript, SQL, No SQL
Technologies/Frameworks: Node.js, Express.js, Nest.js, Angular 2+, React.js
Tools/Platforms: AWS, Firebase, Jira, Mongoose, TypeORM, CI/CD, OpenAPI, Redux, REST, Swagger, Postman, Bash, TDD, NGRX, Linux, Heroku, Karma, Jasmine, Jest, Google Analytics

Certifications

AWS Certified Cloud Practitioner Certification (CLF-C01)   **June 2022**