

Muhammad Shaeel

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[Email](#) | [GitHub](#) | [LinkedIn](#) | [Twitter](#) | [Portfolio](#)

SKILLS

Languages / Frameworks : Javascript, Typescript, Node JS, Express JS, Nest JS, Python, Angular2+, CSS

Tools / Others : ES6, JIRA, Mongoose, TypeORM, CI/CD, OpenAPI, Linux, REST, Swagger, Postman, Bash, TDD, Heroku, Netlify, NGRX

Database: MYSQL, MSSql, MongoDB, Firebase

Version Control: GIT, Gitlab, Bitbucket

Testing Environments: Karma, Jasmine, JEST

Cloud Environments: AWS, Azure

Work Environments: AGILE [Scrum , Kanban]

EXPERIENCE

DAO Proptech – Full Stack Developer (App & Web Platform)

October 2021 – Present

Transforming the **Real Estate** eco system of Pakistan, Dao Proptech optimizes the way people buy, sell, research, manage and market property through cost-based pricing and transparency.

Project Details :

BLOC Investment Portal – Web Application

Outline : A global Investment portal where you can buy, sell or invest in property in the form of sq-fts. One can buy and sell their accumulated area directly to and from other customers. One can manage and track their purchases, see returns and calculate gains all in one place. Having a complete marketplace where you can make digital purchases and choose from the plans that suit your needs. Features like Peer-to-Peer enabling anyone to transfer their area directly from one person to another via secure transactions avoiding any paperwork.

Tech-Stack : Angular10, Express JS, MYSQL, Nest JS, AWS, Firebase, BlockChain

URL : id.daoproptech.com

Responsibilities :

- Designed, implemented and shipped full stack features from writing their store procedures to binding their logical changes for a rapidly growing user base of 100K+.
- Implemented core product features like Online Transactions, Peer-to-Peer and MarketPlace.
- Continuously worked on product feedback provided by feedback elicitation team to scale core product features/capabilities increasing user engagement by 15-20% for 30K+ (WAUs).
- Revamped existing core backend services like Twilio Configurations, Authentication & Logging Mechanisms not only reducing API's response time but increasing performance gain by over 50%.
- Executed deployments on AWS EC2 servers and monitored error logs to boost the efficiency of the product..

- Optimized MYSQL Stored Procedures and functions to reduce server response time by 30%.
- Part of the Product Planning team to develop full-stack features for an internal team tool resulting in reducing manual effort by 100%.

Qubed Hospitality - Mobile App

Outline : A cross platform mobile app that enables you to Book and Manage your stays in Qubed resorts all over Pakistan.

Tech-Stack : React-Native, Nest JS, MongoDB, AWS, Firebase.

IOS: <https://apps.apple.com/pk/app/qubed-hospitality/id1619482632>

Android : <https://play.google.com/store/apps/details?id=com.qubed>

Responsibilities :

- Constructed Backend from scratch using Nest JS CQRS Design Pattern.
- Integrated EasyPaisa and Jazz Cash to support seamless online transactions.
- Maintained a surge pricing structure just like UBER, Careem to keep up with increased demands and limited supply.
- Implemented personalized offers and vouchers for specific customer segments to boost average revenue per user (ARPU).
- A distributed Logging system to collect and process logs from different resources in real-time.

Solis Solutions - Full Stack Developer (App & Web Platform)

June 2020 – September 2021

A product-based startup providing services primarily for Football Clubs of Belgium.

Project Details :

Dev Expo Sports - Web Application

Outline : A Football Club MarketPlace that allows International Football Clubs of Belgium to have their own customized portals that would allow their fans to Like Comment Share latest updates from their respective Club. Each club can have their own shop/online-market where fans can buy their Club gadgets and other accessories. The portal also allows their respective clubs to advertise using digital billboards. You can customize your own ads/commercials and schedule them to be displayed on digital screens for massive audiences.

Tech-Stack : Angular10, Express JS, Node JS, AWS, PM2, EC2, Firebase, Firebase Cloud Functions, MongoDB.

URL : <https://dev-expo-sports.web.app/>

Responsibilities :

- Developed a tool to track and schedule digital advertisements to be displayed on digital billboards.
- Embedded Payment Gateway Integration such as Stripe to facilitate smooth online transactions for Football Club Marketplaces.
- Re-engineered frontend for different front-end services optimizing load time by ~4 to 5 seconds and performance gain of over 100%.
- Led backend effort to prototype additional features/modules and carried out multiple instance's deployments on **AWS VM** running an **Nginx** web server.
- Migrated the whole backend from Firebase to a Nest JS Backend integrating MongoDB as a Database service resulting in cutting down on Firebase Monthly Cost by 100% and performance gain of over 50%.

Social Media Manager – Web Application

Outline : A social media manager that allows you to manage your social accounts all in one place.

Tech-Stack : Angular11, Express JS, Node JS, AWS, PM2, EC2, Firebase, Firebase Cloud Functions, MongoDB.

URL : smm.dividis.io

Responsibilities :

- Amalgamated the functionality of Facebook and Instagram Graph APIs.
- Designed and executed a scheduler to efficiently handle multiple tasks in a circular sequence.

EDUCATION

Bachelors

June 2016 – September 2020

International Islamic University Islamabad, Pakistan

CGPA : 3.25 / 4

Final Year Project:

Enterprise Resource Planning For Hospital

Tech Stack : C#, .NET, Angular 8, MYSQL, Firebase