

Muqadar Ali Jamali

Software Developer with a focus on backend technology

Hyderabad, Pakistan
Born 02/02/1997
Pakistani citizen

muqadarali.jamali0202@gmail.com
[LinkedIn](#)



TECHNICAL SKILLS

JavaScript (4 years of project experience) | C# (4) | Node.js (3) | ASP.NET MVC (4) | .Net Core (4) | Python (1) | REST API (4) | Express.js (2) | React.js (1) | MongoDB (1) | NoSQL (1) | Serverless (1) | CI/CD (4) | Microservices (3) | AWS (3) | AWS Lambda (3) | AWS SNS (3) | SQL (4) | Oracle (2) | Stored Procedures (4) | IdentityServer4 (2) | Kong API Gateway (1) | Stress Testing (2) | Performance Testing (2) | Hangfire (1) | TeamCity (1) | TDD (1) | jQuery (2) | HTML (2) | CSS (2) | Git (3) | TFS (4) | Jenkins (1) | Docker (1) | Huawei CPS (1) | Scrum (4)

WORK EXPERIENCE

12/2021 – today

Senior Backend Developer

Remotebase, Lahore, Pakistan

Project: Swvl - a Dubai-based unicorn that produces an app for sharing bus rides with more than 1.4M users having booked over 50M rides over the platform until today. As a backend developer, I work in an international agile team of 5 developing a help (chatbot) and an FAQ feature using Node.js, Express.js and FreshChat. Built the ride details sharing flow in chatbot and APIs to reduce booking cancelation rate by >20%. **Tech used:** JavaScript | Node.js | Express.js | AWS | GCP | Mocha | MongoDB | FreshChat | REST API | TDD | CI/CD | Jenkins | Docker.

09/2019 – 12/2021

Senior Engineer

TPS Worldwide, Karachi, Pakistan

Project: (12/2020 - 12/2021) Sokin - a London-based global payment platform trusted by brands like Arsenal, AS Monaco. I worked on a scrum team of 10 developing sprint items and a scalability roadmap using Node.js, AWS Lambda and other AWS services. Built open banking REST APIs to integrate with TellConnect using AWS Lambda, AWS API Gateway, and Oracle. Migrated entire .Net Framework REST APIs to .Net 5 and led the scalability roadmap R&D to improve the performance. Improved login time from 3 RPS (requests per second) to 500 RPS. Developed KYC APIs. Built AWS EventBridge rules backed by AWS Lambda and AWS Step Functions for job scheduling (e.g. create wallet upon successful KYC webhook, create subscription plan once wallet is created, send push notifications of wallet creation, payments and necessary updates). Used serverless framework to automate AWS Lambda deployments. Configured test and production environments for both the European and Brazilian markets. Built an API to send sms OTP and notifications using AWS SNS.

Project: (09/2019 - 12/2020) JazzCash - a Pakistani mobile wallet and payment provider with a % national market share in mobile money activity (18M+ users, 30K daily registrations, 1.4M+ unique logins per day). I worked on a scrum team of 8 developing monolithic and microservices solutions. Converted a legacy monolithic application to 20+ microservices from scratch using Node.js. Improved entire performance 5 to 8 times including but not limited to

wallet to wallet transfer, login and registration. Proposed and pitched microservices to R&D results to higher management for the approval of development. Led architectural design decisions and performed code review of my team. Reduced CPU & RAM utilization upto 50% with the deployment of newly improved code. Optimized notification windows service to send text messages without blocking the SMS center with a large number of open connections. Migrated slow entity framework queries to optimized stored procedures to reduce loading time of agents and merchants location. **Tech used:** JavaScript | Node.js | Microservices | Serverless | AWS | AWS Lambda | AWS API Gateway | AWS SNS | AWS SES | AWS Step Functions | AWS IAM | AWS Cloudwatch | AWS EventBridge | AWS AppConfig | AWS EC2 | AWS Cognito | Kong API Gateway | C# | ASP.NET MVC | .Net Core | IdentityServer4 | Oracle | Stored Procedures | SOAP API | Windows Services | Stress Testing | Performance Testing | JMeter.

06/2018 – 07/2019

Fullstack Engineer

Knowledge Platform, Islamabad, Pakistan

Product: Learn Smart Pakistan (LSP) - an online learning platform. that supports 160K learners from over 7.000 schools across Pakistan. I worked in an agile team of 8 developing LSP using JavaScript. Built a teacher dashboard to view both class and overall ranking of each student. Built CI/CD pipeline using TeamCity. I reduced loading time by 60% with stored procedure optimizations. Developed content synchronize feature to sync all the content on an offline version of application for schools. Built content patch delivery feature in Desktop application of LSP to run sync feature on. Performed an R&D to integrate React.js with ASP.NET MVC application which later on was the foundation for entire migration of views to React.js. **Tech used:** JavaScript | React.js | C# | ASP.NET MVC | jQuery | HTML | CSS | Stored Procedures | T-SQL | SQL Server | Hangfire | TeamCity.

EDUCATION

08/2014 – 06/2018

Bachelor of Science / Computer Science

National University of Computer and Emerging Sciences, Islamabad, Pakistan

ACHIEVEMENTS

Star Performer in JazzCash roadmap project by TPS Worldwide | Best Team Player award for Q1 (1st position) 2020 by TPS Worldwide | National ICT Scholarship for Bachelor of Computer Science (2014 - 2018).

LANGUAGE SKILLS

English (C2) | Sindhi (Mother tongue)

HOBBIES

Teaching | Explore cultures & nature | Watch movies and tv shows