

S. SADIQ HASAN

Senior Software & Cloud Engineer

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PROFESSIONAL SUMMARY

Results-driven Software Engineer with 10+ years of experience designing scalable microservices, cloud-native applications, and FX trading systems. Proven expertise in Java/Spring Boot, AWS infrastructure, and enterprise fintech platforms. Track record of leading technical teams, architecting zero-downtime deployments, and delivering high-throughput systems serving global financial clients. Combines deep technical knowledge with strategic leadership to drive engineering excellence and business growth.

EXPERIENCE

Application Development Senior Programmer (AVP) — CITI Bank

Bahrain | May 2022 – Present

- Architect and develop scalable Java microservices serving FIX protocol clients in the foreign exchange (FX) trading engine, ensuring high-throughput, low-latency transaction processing.
- Built an internal web portal using Spring Boot and Angular that streamlined the client onboarding process, significantly reducing manual processing time and improving operational efficiency.
- Developed a comprehensive mock framework using Spring Boot to simulate FIX client behaviors, enabling faster integration testing and reducing deployment cycle time.
- Mentor and onboard new team members and interns, conducting code reviews and technical training to accelerate team ramp-up and maintain code quality standards.

Analyst Programmer — The Benefit Company

Bahrain | December 2021 – April 2022

- Provided technical support and conducted system testing for merchants and financial institutions using the Benefit payment gateway and payment switch infrastructure.
- Diagnosed and resolved production issues across payment processing systems, ensuring minimal downtime and maintaining service reliability for banking partners.

Chief Technology Officer — Akalati

Bahrain | August 2019 – December 2021

- Led all digital operations including software development, cloud infrastructure, SEO, and digital marketing; drove a 5x increase in customer base and sales revenue during 2020.
- Architected and developed customer-oriented scalable e-commerce platform for grocery and food delivery, serving thousands of daily active users.
- Built zero-downtime CI/CD deployment environment on AWS using CodePipeline and EC2 Auto Scaling, achieving 99.9% system uptime.
- Managed end-to-end cloud migration from Azure to AWS, optimizing infrastructure costs and improving system performance and reliability.

Product Engineer — onegcc

Bahrain | May 2018 – August 2019

- Designed and implemented a skill-matching algorithm that matched job seekers with relevant opportunities, reducing irrelevant applications and improving placement rates.
- Built modular service-oriented microservices architecture on AWS, enabling independent deployment and scaling of core platform services.
- Utilized graph database technology to model complex relationships between skills, jobs, and candidates for intelligent matching capabilities.
- Implemented automated deployment pipelines on AWS Auto Scaling using CodePipeline, ensuring rapid and reliable production releases.

Software Engineer — WNNA

Bahrain | March 2017 – May 2018

- Developed a smart recommender system that helped users discover new places and book activities matched to their personalities and preferences.
- Built intelligent data pipeline to collect, filter, and merge entity data from multiple sources using machine learning deduplication techniques.
- Implemented contextual search engine with relevance scoring, improving user engagement and content discovery.
- Deployed and maintained production systems on Azure cloud platform with monitoring and alerting for operational visibility.

Software & Cloud Engineer — Freelance

Bahrain | March 2016 – August 2019

- Delivered full-stack web applications and RESTful backend APIs for multiple clients across various industries.
- Led cloud migration projects, helping companies transition applications from on-premises infrastructure to Azure and AWS cloud platforms.
- Designed and deployed relational database schemas optimized for performance and scalability.

TECHNICAL SKILLS

Languages & Frameworks: Java, TypeScript, Angular, Spring Boot, Golang, Python, Node.js, PHP

Databases & Search: Oracle, MySQL, Elasticsearch, Redis, Graph Databases

AWS Cloud: EC2, S3, ELB, CloudFront, Auto Scaling, CodePipeline, CodeDeploy, CodeCommit, Lambda, RDS, CloudWatch, IAM, ACM, Lightsail

Azure Cloud: App Services, Cache for Redis, Database for MySQL, VM, CDN, Storage, Functions

Financial Protocols: FIX Protocol, FX Trading Systems, Payment Gateways

DevOps & Tools: Git, Firebase, DigitalOcean, Linux, Splunk, TeamCity, uDeploy

EDUCATION & CERTIFICATIONS

Management Information Systems — Yarmouk University, Jordan

September 2012 – February 2016

Graduated with Honors (GPA: 91%). Studied computer science fundamentals, information systems, and business management.

COBIT 5 Foundation — ISACA, 2016

MCSD: App Builder — Microsoft, 2017

AWARDS

- Honors Degree: Graduated with Honors (GPA: 91%) from Yarmouk University.
- Startup Weekend 2017 Winner: Awarded for building Rewardi, a universal loyalty network powered by blockchain technology.
- Hajj Hackathon Participant: Contributed to a Guinness World Record for participating in the largest hackathon event.

LANGUAGES

Arabic (Native) | English (Professional Working Proficiency)