Zaheer Ud Din
Software Engineer

📞 +92-311-5076756

Linkedin.me   Github.me

✉ z a h e e r u 7 @ g m a i l . c o m

About.Me

A versatile Software Engineer with over five years of experience in designing and implementing complex systems. Specializes in developing Middleware systems, RESTful web services, and ETL pipelines using technologies such as Spring Boot, Node-ts, and AWS services. Proven track record delivering successful projects. Passionate about using technical skills to drive business success.

WORK EXPERIENCE

Sr Software Engineer @ Global Rescue

Global Rescue provides medical, security, intelligence, and crisis response services to corporations, governments and individuals

From : 03 / 2022   To : Present

- Led the revamp of a legacy enterprise system (GRID) into a microservices architecture using Spring Boot, enhancing system efficiency and stability.
- Directed and completed 4 key microservices, playing a pivotal role in the overall project's success.
- Developed the 'Reference Data' microservice to manage essential data (addresses, cities, states, countries), including implementing real-time data update capabilities across services using RabbitMQ.
- Created the 'Intel Service', a core system for maintaining events and generating destination reports, boosting analytical capabilities and service responsiveness.
- Implemented OAuth 2.0 security layer in the 'Account Service' microservice using Keycloak as an Identity Provider (IDP). Customized SPIs for email generation, legacy user support, and runtime JWT token claim management.
- Assisted the DevOps team in developing AWS API Gateway, write authentication lambdas for Keycloak, thereby bolstering service security.
- Crafted middleware 'Comm Service' for seamless integration of two mobile applications with the new system, ensuring continued service availability during system transition.
- Contributed significantly to an increase in customer renewals post-beta release due to system improvements, garnering high satisfaction ratings from both internal departments and enterprise clients.

Technology Used:

Spring boot, micro-services, elastic search, Apache Kafka, Rabbit-MQ, MySql, Keycloak IDP, API Gateway, Lambda functions.

Software Engineer @ Stella Technologies

Stella Technology, based in Silicon Valley, is a leading digital healthcare-only company.

From : 03 / 2021   To : 03 / 2022

- Contributed to the IQG project by developing a dynamic logging module and a library for mapping SQL-based client data to HAPI FHIR standards.
- Developed a data pipeline for the Inbox Health project, enabling transformation and standardization of customer data for streamlined billing operations.
- Implemented a CSV parsing serverless function in TypeScript and an AWS Lambda function with DynamoDB for efficient data parsing and loading to SQL databases.

Technology Used:

Spring boot, micro-services, Postgres, Node-ts, AWS Lambda, Serverless, Statemachines, S3 Bucket, Event Bridge.

Software Engineer @ China Moblie Zong

Zong is a subsidiary of China Mobile in Pakistan & a leading telecome company with largest share of subscriber based in Pakistan.

From : 04 / 2020   To : 03 / 2021

- Bridged the gap between IT and business departments to manage user requirements and software modifications in the BOSS system.
- Coordinated with a China-based vendor for the accurate translation and implementation of technical requirements.
- Led the Change Approval Board (CAB) process, including workload documentation, feedback integration, and timeline setting.
- Managed the testing, demonstration, and User Acceptance Testing (UAT) processes for new features, leading to production deployment.
- Delivered key projects such as the Autokiosk Machine and enhancements in the Zong Mobile App and BOSS system.

Software Engineer @ Taj Digital Healthcare

TAJ is a digital healthcare service available instantly, smart & personalised with a user experience that appeals to everyone and distributed efficiently with great customer services

From : 07 / 2018   To : 03 / 2020

- Contributed significantly to development of the product from MVP to full operation within a year, contributing to a significant increase in the company's digital healthcare services.
- Developed a unique reference marketing feature, resulting in 10,000 downloads upon the first release.
- Integrated various components such as insurance companies, pharmacies, and labs for online medicine and lab tests, improving overall customer experience and convenience.

Technology Used:

Spring boot, MySQL, AWS(Ec2, RDS), Jenkins. APIs, OAuth.

Technical Skills

- Spring-boot
- Node-ts
- AWS(API Gateway, RDS, Serverless, Event Bridge, S3)
- Rabbit-MQ, Elastic Search
- Angular, Typescript
- Apache (Kafka, Spark)
- SQL(MySql,Postgres)
- NoSql(MongoDb, Cloudant)

Non-Technical Skills

- Project Mangement
- Communication
- Scrum Planing
- Canbin planing
- Business Coordination & Collabrations.
- Comminucation

Education

Bahria University   2014 - 2018
Bachelor Of Software Engineering

Achievements

Winner HEC First Blockchain Hackathon 2018
Tech Stacks: Hyperledger Fabric, Springboot, Angular.

Final Year Degree Project Winner
1st Position Bahria Unviersity Open House 2018, Engineering Science Category.