Hasnain Haider

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🔗 Portfolio

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✳ Summary

As a technical-minded, self-motivated, and achievement-oriented individual, I bring over 3+ years of proven expertise in system design and development. As a Software Engineer, I excel in leveraging the power of Java Spring Boot and related technologies to craft large-scale web applications, delivering scalable solutions renowned for their high-volume and low-latency performance. Notably, I take pride in my significant contributions to designing and implementing a flexible database architecture that meets the diverse standards of healthcare data

🧠 Skills

Core Java — *JVM, OOP, MultiThreading, Collections, Generics* │ **Spring Boot** — *Restful Api, Spring Security, Micro-Services, Oauth 2.0* │ **Redis** — *Caching using jedis client* │ **SQL** — *CRUD, Joins, Relations* │ **Liquibase** — Changesets │ **Queues** — *Kafka, RabbitMQ* │ **Okta** — *Creating organization, Applications, User permission, Oauth flows* │ **KeyCloak** — *Creating Realms, SPI (Single Provider Interface), User permission, Oauth* │ **React** — *Biginner* │ **CI/CD** — *Docker, Jenkins* │ **AWS** — *EC2 instance, S3 bucket, AWS Secrets Manager* │ **Open API** — Design API infrastructure , Schema creation

💼 Professional Experience

2021 – present
Islamabad, Pakistan

Stella Technology ⧉
Software Engineer

- Collaborated in cross-functional teams, focusing primarily on backend technologies using Java Spring Boot.
- Addressed minor front-end bugs using React with adept problem-solving skills, showcasing versatility in full-stack capabilities.
- Proactively engaged in client meetings, ensuring clear communication and meeting specific needs to drive client satisfaction.
- Contributed significantly to the design of a versatile database architecture that adhered to both CCDA and FHIR standard data, showcasing expertise in system design.
- Improved coding skills and learned innovative software development by working closely with architects.

2020
Islamabad, Pakistan

Phonenix Technologies
Java Internship (3 months)
As a Java Intern, I delved into Java intricacies, creating learning projects and contributing to freelance tasks.

📁 Projects

HEALTHeLINK

Seamlessly convert diverse healthcare data, enabling communication across systems. In this project we tend to integrate AD_Vault, EMOLST, and DAP sources, querying them to retrieve advance directives for patients. Achievements include successful PACIO integration, real-time data conversion, and scalable FHIR query responses. This initiative empowers providers with timely access to patient preferences, enhancing care.

Tech Stack : Java, Spring Boot, Spring Data, React.js, PostgreSQL, Liquibase, RabbitMQ, Open API, Amazon Web Services (AWS), RESTful WebServices, Okta

Azuba

AZUBA is an advanced, interoperable clinical data system software that securely transfers healthcare data between payers and providers.

Tech stack: Java, Springboot, Spring Cloud, Spring Security, RectJS, Redis, Keycloak, MYSQL, AWS, S3, Jenkins

Domain Implementations: ONC certification, Direct-Trust Integration, CCDA and FHIR conversion.

Klaims

Klaims is a UAE-based insurance claims company which helps submit patient claims. It has two major modules, patient clinical summary and claim submission. As a team member, my main responsibility was assisting the lead in bug fixing to ensure the smooth and efficient functioning of their portal.

Tech Stack: Java, Spring Boot, NestJs, Kafka, Elastic Search, MongoDB

IQG

Intelligent Query Gateway

IQG is an healthcare interoperable gateway software, which mainly works as a middleware and transforms patient health records in multiple hl7 standards like (FHIR R3 & R4).

Tech Stack: Java, Spring boot, Spring Security, ReactJs, Postgres, Okta

🎓 Education

2015 – 2019 Islamabad, Pakistan	**Bachelors in Computer Science** *Federal Urdu University of Arts, Science & Technology, Islamabad* FYP: Calling Loader - The main purpose of our application is to easily and safely transfer household goods and items from one place to another. Tech stack: • Java