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**Ishaaq Shaik**

**Software Engineer**

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# Professional Summary

**Software Engineer** with Around 5+ years of experience in all software development life cycle aspects, offering a comprehensive understanding of design, development, implementation, and deployment across various project requirements. Skilled in Aspect-Oriented Programming (AOP) with frameworks like **Spring**, and **Hibernate, (JPA)** enabling the implementation of cross-cutting concerns. Proficient in crafting web solutions using a diverse tech stack including **Python, Java, JavaScript**, **Swift UI** frameworks (**Angular)/typescript** backend frameworks (**Java)/(Go)** and DevOps tools (**Docker, Kubernetes,**) to cater to unique client requirements. Leveraged Java Streams, Reactive Programming, and advanced **SQL** to build efficient, scalable, and testable applications. Utilized Test containers for containerized testing and developed **RESTful** **Apis** and for seamless integration.

# Technical Skills

* **Programming Languages:**HTML5, CSS3, JavaScript, TypeScript, Angular, Python, Java, GO.
* **Cloud Technologies:** Amazon Web Services (AWS), Azure, Docker
* **Web Technologies:** HTML5, CSS3, JavaScript, jQuery, Ajax, XML, Redux, REST API, SOAP API.
* **Cloud & Database:** AWS (S3, SQS, EC2, Lambda, ECS, CloudWatch, EKS), MySQL, PostgreSQL, MongoDB, DynamoDB
* **CI/D and DevOps tools:** Git, GitHub, Jenkins, Graph-QL, Docker, Grafana, Kubernetes, Postman, RabbitMQ, Kafka  **Methodologies**: Agile, TDD, Pert Scrum bean.

# Education

**Master of Science in Computer Science |** Northwest Missouri State University, Maryville, MO  **B. Tech in Computer Science and Engineering |**JNTUK, Kakinada, India

## Work Experience

**Fidelity Investments USA Charlotte, NC, | Software Developer Dec 2023-Dec 2024**

* Experienced **Java/Microservices** developer with expertise in building scalable backend services using **Spring Boot** and integrating with **React.js** for dynamic and responsive user interfaces.
* Proficient in implementing **Kafka** for real-time data processing, **Apache Kafka** for message routing, and optimizing system performance.
* Collaborated with cross-functional teams to deliver features aligned with business goals and participated in **code reviews** to ensure high-quality software.
* Implemented **state management** using **Redux** or **Context API** for complex frontend applications
* I developed a **microservices-based payment processing system** using **Spring Boot and AWS**, which significantly improved efficiency—cutting transaction processing time by **30%**.
* To enhance user experience, I built a **React.js-based dashboard** that provides **real-time financial data visualization,** leading to **increase in user engagement.**
* I also **migrated a monolithic application to a microservices architecture,** which made the system more **scalable and reliable**, reducing **downtime by 40%.**
* Implemented **secure financial transactions** using encryption, tokenization, and compliance with industry standards
* Additionally**,** I **implemented AWS Lambda for serverless event processing,** which helped optimize infrastructure usage and cut **costs by 20%.**

**TCS Bhubaneshwar, India | Software Developer Aug 2019 – Dec 2022**

* Combined **Java** code with an **Angular** application using **RXJS** and **Routing** to be improving application performance by 20% and reducing development time by 15%.
* I built scalable web applications using **Java** with **Spring** **Boot** and **Microservices** with(12 factor application) Messaging services like **Apache-Kafka** creating a strong and reliable backend. On the front end, I used Angular-15 to design interactive and responsive user interfaces, improving the overall user experience.
* Developed **Python automation tools** to improve efficiency and streamline workflows.
* I managed SQL databases efficiently using database/SQL package, and Java Tool like **Hibernate (ORM)** optimizing data handling and queries for better performance.
* For seamless integration between front-end and back-end systems Using **RESTAPIs**,
* Leveraged Agile Scrum practices including Daily Stand-ups, Sprint Planning, and Sprint Retrospective meetings.
* Leveraged **AWS** services (**EKS, S3, EC2**) to design, deploy, and manage scalable microservices architecture, resulting in a 20% reduction in infrastructure costs and a 30% increase in application perform
* Received "Best Employee Award" at TCS for Working to a project.

## Projects

**Web/Mobile Application** [**(link)**](https://github.com/s555675/SoulSwipe---Admin)  **April 2023-December 2023**

* Developed a full-stack web application with a responsive frontend using HTML, CSS, Bootstrap, and a JavaScript backend connected to Fire store.
* The app connects students from diverse backgrounds, helping them network, learn together, and discover new opportunities. It fosters a supportive community where students can grow personally and professionally while bridging cultural and academic differences.
* Additionally, I built an iOS app that integrated seamlessly with the web platform. This project showcases my skills in cross- platform

development and efficient data management.

### Mobile Application([link)](https://github.com/s555675/Dr.hoot) January 2023-May 2023

* Developed a web application and Mobile Application of QuickShelf app where a student can directly add books to his profile and see the upcoming new books stock of books and price of book deadline tracking system booking, and we have developed a responsive frontend using HTML, CSS, Bootstrap, and a JavaScript backend connected to MongoDB.
* Our team-built iOS and Android mobile applications using Swift, Java, and Kotlin, which seamlessly integrated with the web platform. This

project showcases my skills in cross-platform development, mobile app integration, and efficient data management.

### Angular Projec[t (link)](https://github.com/s555675/Angular-project)

* Developed a dynamic restaurant web application using Angular-17/18, featuring a responsive UI for browsing menus, placing orders, and making reservations in real time.
* Implemented NGRX for state management and RXJS for handling asynchronous tasks, ensuring smooth data flow and user interactions.
* Integrated with a backend database to securely manage orders and customer data.

## Certifications

* Received Certificate from TCS (Best Employee Award) **(link).**
* Done AWS Certificates 1.Prompt-Engineering,Cloud-Computing101,MachineLearning,AI [**(link), (link**](https://www.credly.com/badges/251c4b02-04f0-4299-a76a-33f80aa2e095)[**), (link).**](https://www.credly.com/badges/6839c295-b686-4521-8246-5c3ebdb72d30)
* Additionally, Some of the Courses of Java and Cloud Overview along with Cloud-Applications From “Oracle-University” [(link),](https://mylearn.oracle.com/ou/learning-path/oracle-java-foundations/79726)
* [(link), (link).](https://mylearn.oracle.com/ou/learning-path/oracle-java-foundations/79726)
* Full Stack Java Developer Certificate from Goldman seches(link).