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Habib Shaikh

SOFTWARE ENGINEER

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Results-oriented Software Engineer with **4+ years of experience** in **JAVA, Angular, Typescript, SQL, MongoDB, SpringBoot, Microservices, Kafka, Jenkins, and Docker**. Demonstrated success in project delivery through the development of **impactful microservices, meticulous system designs**, effective project planning, and **collaboration with cross-functional teams** for project success. Acknowledged for the transformation of products through the **introduction of innovative features, optimization of resource consumption, and ensuring secure data management**.

Work Experience

Go4clients | Telintel Ltd.
Florida, US

2021 – Present

- Significantly expanded the product's reach and scope by **developing three new channels** for customer engagement—**Whatsapp, Facebook and Webhooks**—**expanding outreach beyond traditional SMS, Email, and Voice Call channels**.
- Proactively acquired expertise in **managing major backend requirements**, contributing to the enhancement of over **35 interconnected microservices** with the **addition of three new Spring Boot microservices** to the product.
- **Addressed all front-end requirements**, elevating product quality through the **creation of new UI elements in Angular and Vaadin** to ensure seamless integration and functionality.
- Engineered a **new WhatsApp campaign microservice**, enabling users to link their WhatsApp Business accounts and create meta-approved message templates for **bulk messaging, tracking conversations and engagement**, resulting in the **acquisition of two new clients**.
- Developed the **Facebook lead engagement feature**, empowering users to seamlessly connect their Facebook accounts and **track leads from their pages**, facilitating personalized engagement campaigns for businesses leveraging Facebook ad campaigns.
- Created a **webhooks microservice** enabling users to **generate unique links** that can be seamlessly integrated into their **ad campaign forms**, facilitating customer engagements triggered by form submissions, and successfully **onboarding three new clients**.
- Expanded the customer engagement tool "DRIPS" by **introducing four new units** with distinct configurations and functionality, significantly enhancing the product's versatility.
- Introduced a **groundbreaking feature akin to Postman** in design and functionality, allowing users to effortlessly **configure HTTP units** within their engagement campaign pipelines.
- Implemented a **new notification unit** capable of automatically **sending SMS, Email, and Call notifications** to update users about their campaign events.
- Implemented a **dynamic monitoring system for resource consumption**, issuing warnings through theme changes, in-app notifications, and popups for varying resource consumption levels.
- Developed a system for sending **asynchronous notifications for payments** made through mediums such as **Crypto/Bitpay, Paypal, and credit cards**, handling different payment gateway systems and exposing APIs for transactions.

- Introduced a **Single-Sign-On (SSO) feature**, enabling users to log into the product through various E-learning platform accounts and **facilitating data sharing between the systems**. This integration resulted in the successful onboarding of **three new clients** to the product.
- Optimized data handling with the **creation of an e-commerce-like filter**, employing efficient queries to enhance fetch speed **from 3 seconds to 500 milliseconds**.
- Designed and implemented a **versatile pagination component**, utilized in three new sections and effectively **replacing outdated components in five areas**, ensuring the efficient retrieval of sorted and filtered data.
- Streamlined the **customer onboarding process by implementing a Bootstrap tour** for three new features and ten existing sections of the product.
- Established a **comprehensive validation system** spanning the entire platform to ensure the **secure addition of new users, content creation, and the publication of new data**.

Skills

- **Languages:** JAVA, SpringBoot, Angular, TypeScript, Vaadin, SQL, MongoDB, React, HTML, CSS, Bootstrap.
- **Technologies:** Docker, Kafka, ActiveMQ, Maven, Tomcat, Elasticsearch, Jenkins, GIT, Facebook SDK, Eclipse, Jira, Balsamiq, Graph API, GoJs, SockJs, OAUTH 2.0/OAUTH 1.0.
- **Others:** Data structures and algorithms, Product Designing, Wireframe creation, Semaphores, Multithreading, HTTP servlets, Socket programming, Webhooks, Polling APIs, Cron Jobs, Transactional Queries, Time management, Gantt charts, Task distribution, Communication skills, Leadership.

Other Projects

- **Prison Escape:** 2D tile-based platformer game developed in Unity 3D.
- **Space Invader:** Shooting game developed in Unity 3D.
- **Garden Defenders:** Game developed based on the concepts of Plants Vs Zombies.
- **Castle Protectors:** Classic tower defence style game showcasing various particle effects and an inventory system.

Education and Certifications

- **Education:**
 - **B.E. Information Technology**, VIT, University of Mumbai | **8.8 CGPA** **2015–2019**
 - **Final Year Project:** Psychometric Analysis Using Software Simulation
- **Certifications:**
 - Data Mining **Grade: Elite | Score: 75/100**
 - Data Structures and Algorithms **Grade: Elite | Score: 71/100**
 - Data Science for Engineers **Grade: Elite | Score: 73/100**