Swet Shah

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EDUCATION

Indiana University, Bloomington, IN   May 2022
Master of Science in Computer Science   *3.9 GPA*
University of Mumbai, Mumbai, India   June 2017
Bachelor of Engineering in Computer Engineering   *3.8 GPA*

SKILLS

- **Programming languages**: Java, Python
- **Frameworks/Web Technologies**: Spring Boot, Spring MVC, SQL, MongoDB (NoSQL), Apache Solr, HTML, CSS, Angular
- **Miscellaneous:** Git, Linux/Unix Commands, Maven, Active MQ, Microservices, REST APIs
- **Fields of Interest**: Blockchain, DevOps (Docker, Kubernetes, CI/CD)

PROFESSIONAL EXPERIENCE

Software Developer, *Zycus Infotech, Mumbai, India*   June 2018 – November 2020
- Designed, developed, and maintained a scalable application used by multiple clients daily for raising requisitions, creating invoices, saving chart of accounts using Spring Boot and Java.
- Architected and developed a web-based application using Angular, HTML, CSS that consumes REST APIs created using Microservices to configure user-specific requirements thereby reducing the time of configuration by 90%.
- Led a team of three people to work on multiple features for the clients including Porsche, Heineken, Changi while following the agile process and ensuring on-time and quality delivery of features which was appreciated by the clients.
- Mentored new employees and interns with onboarding to a new process and participate in On-Call rotation to triage issues.

Associate Software Developer*, Zycus Infotech, Mumbai, India*   July 2017 – June 2018
- Conceptualized and implemented functionality to consume and update real-time data using Active MQ as middleware which enhanced the performance of the application by more than 70% and reduced the issues to almost 5%.
- Troubleshooted, fixed, and provided support for client issues thereby understanding the entire process from requirement gathering, development, testing, UAT to application deployment in production.
- Unit-Testing and bug fixing using Mockito and Junit framework to enhance the code quality and minimize issues.

PROJECTS

Travel Optimization – Java | Gradle | Angular | Git | Docker   June 2021 - Present
- Created an application to book the nearest available cab using Java, Spring Boot, MongoDB and to learn new technologies such as Gradle, Docker, and end to end CI/CD process.
- Modeled to learn new technologies such as Gradle, Docker and integrate them with the existing project.

Hospital Census Dashboard – Tomcat | Spring Boot | PostgreSQL | HTML | CSS | JavaScript   December 2020
- Designed and developed APIs to fetch and feed patients, beds, and hospital details using Spring Boot and PostgreSQL to display it on the dashboard created using HTML, CSS, and JavaScript and deploying the jar on the Tomcat server.
- Assisted the hospital staff to keep track of all the patient, room and, bed details from a single location.

Rule Manager – Java | Spring Boot | MongoDB | Solr   July 2017 – November 2020
- Illustrated and implemented multiple features using a microservices architecture-based web application used by clients to configure and execute multiple rules at a time using Java, Spring Boot, Drools, and querying millions of data stored in MongoDB and Solr.
- Implemented a feature to sync data directly in Mongo from Solr reducing the syncing time by 85%.

Flexiform – Java | SQL | Active MQ | Consul   July 2017 – November 2020
- Built and optimized functionalities used by multiple clients to create flexible forms and manage data sets for each form using Java, SQL, and Active MQ thereby reducing the API response time by 30%.
- Refactored an existing code using a manual implementation of the repository to Spring JPA repositories implementation and externalized the configurations of the application by introducing and implementing Consul services.

ACHIEVEMENTS

Employee of the Year, Zycus Infotech, 2020
- Awarded "Most Eligible Employee" for the Year 2019 during the Zycus annual event held in January 2020.

Employee of the Month, Zycus Infotech, 2019
- Certified multiple times for the overall achievement, quality, and on-time delivery of features for clients.