Soham Tembe

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Summary

Software engineer with over 1.5 years of experience in developing and testing scalable web applications and microservices. Expertise in Python, TypeScript, JavaScript, Java, React, Django, and Angular. Proven ability to work independently and as part of a team to deliver high-quality software on time and within budget.

Education

The University of Texas at Arlington Aug 2021 – Dec 2023
Master of Science in Computer Science *Arlington, TX*

S.K.N College of Engineering Jul 2017 – May 2021
Bachelor of Engineering in Electronics and Telecommunication *Pune, Maharashtra*

Skills

Languages: Python, TypeScript, JavaScript, Java (J2EE & JSE), PHP, Scala, SQL, GraphQL, HTML, CSS
Frameworks: React, Django, Angular, NodeJS, Spring Boot, Hibernate, Bootstrap
Databases: MongoDB, MySQL, OracleDB, PostgreSQL
Tools: Git, Linux, Ubuntu, DBeaver, Datadog, Jira, TestNG, Jenkins, Docker, Swagger, Postman

Experience

Dematic Aug 2022 – Jun 2023
Software Engineer Intern *Arlington, TX*

- Conducted rigorous testing and identified over 50 software defects in modules for Dematic using tools like Datadog, PostgreSQL, and Postman, contributing to a 20% increase in software quality.
- Conducted automation and manual tests, resulting in the identification and resolution of 30 critical software issues in the Dematic Warehouse Execution Software within a containerized environment using Docker.
- Executed endurance testing, simulating heavy usage over a 7-day period, ensuring the software's stability and reliability under extreme conditions, meeting performance standards with a 70% success rate.
- Collaborated in an agile environment with a team of 10 in Software QA org during CI/CD triage by executing failed tests manually to identify and report issues, resulting in improved software quality.
- Redesigned automation scripts in Java using tools like IntelliJ, XML, Maven, and TestNG to automate 5% of the test cases and reducing testing time.

Oneworldlearners Aug 2020 – Mar 2021
Full Stack Developer Intern *Pune, Maharashtra*

- Led successful implementation of 'SaaS' and 'Account Payable System' features, attracting 300+ customers.
- Optimized membership payment system using Paytm and Razorpay RESTful APIs, boosting conversion by 32%.
- Restructured company database of 20+ tables using Django ORM to increase efficiency by 100%.
- Spearheaded team efforts to deploy a custom Learning Management System using Google APIs and Moodle PHP.
- Developed reusable functions within the Django REST Framework that reduced development time by 30% and improved overall code quality and maintainability.
- Revamped website UI using CSS and Angular Material on Angular v10-based frontend.

Academic Projects

Job Tracking Chrome Extension | *Java, Spring Boot, Chrome API, React Typescript*

- Designed Spring Boot-based Chrome extension to automatically track job applications using Chrome API.
- Utilized Hibernate, Spring Data JPA, PostgreSQL, Docker and React for seamless integration.

Multi-Threading File Sync | *Java, TCP, UDP*

- Developed Java project similar to Dropbox or Google Drive, with server-client architecture for file synchronization between multiple clients using UDP/TCP, File Watcher, and multi-threading.

Lost it, Found It for UTA | *Java, Android Studio, Google APIs, RoomDB*

- Collaborated on the design and development of an Android app using Android Studio, Google Maps APIs, and Room database integration, while streamlining functionality and improving user experience.

Store Management System | *React, SQL, OracleDB*

- Created a dashboard using React to allow CRUD operations on the OracleDB populated with 12500+ entries across 12 BCNF normalized tables.