SOHAM TEMBE

📞 (817)239-7024　✉ sst0847@mavs.uta.edu

👤 sohamtembe.com　in linkedin.com/in/sohamtembe　⊙ github.com/workwithsoham

Education

The University of Texas at Arlington　　　　　　　　　　　　　　　　**Aug 2021 – Dec 2023**

Master of Science in Computer Science　　　　　　　　　　　　　　　　*Arlington, TX*

Analysis of Algorithms, Big Data and Cloud Computing, Advanced Software Engineering, Web Data Management

S.K.N College of Engineering　　　　　　　　　　　　　　　　　　**Jul 2017 – May 2021**

Bachelor of Engineering in Electronics and Telecommunication　　　　　　　　*Pune, Maharashtra*

Artificial Intelligence, Machine Learning, Object Oriented Programming, Data Structures

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 defect identification in interoperability of modules with Dematic software using tools like Docker, PostgreSQL, Postman.
- Conducted automation and manual tests to identify and troubleshoot software issues with the Dematic Warehouse Execution Software on a containerized environment using Docker.
- Performed endurance testing to validate the stability and reliability of the software under heavy usage and long-term conditions.
- 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.
- Developed automation scripts in Java using tools like IntelliJ, XML, Maven, TestNG.

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.
- Architected scalable APIs and micro-services using Django REST Framework to create reusable functions.
- 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*

- Developed 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.

Graph Partitioning | *Java, Scala, Spark, Hadoop*

- Reduced processing time by 2 hours on large-scale distributed datasets with an RDD-based graph processing system developed using Spark and Scala, outperforming the Java equivalent.