



# Soham Tembe

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## Summary

Dedicated software engineer with a robust 1.5-year track record specializing in the end-to-end development and rigorous testing of scalable web applications and micro-services. Proficient in a diverse tech stack including Python, TypeScript, JavaScript, Java, React, Django, and Angular. Demonstrated success in both independent and collaborative settings, consistently delivering high-quality software solutions with a keen focus on timeliness and budget adherence.

## Experience

### Dematic

Aug 2022 – Jun 2023

*Software Engineer Intern*

*Arlington, TX*

- Rectified 50+ software defects in Dematic modules, using Datadog, PostgreSQL and Postman with a 15% contribution in increased software quality.
- Resolved 30 critical issues in Dematic Software through a mix of automation and manual tests in Docker environments.
- Enhanced Java test scripts, yielding a 70% success rate in endurance testing and ensuring software stability over a 7-day period.
- Participated in Scrum-based agile CI/CD triage with a 10-member QA team, actively contributing to the optimization of software processes and overall project efficiency.
- Streamlined testing efficiency by automating 5% of test cases through optimized code reviews and scripts using Java, XML, Maven, and 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 to increase efficiency by 30%.
- 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 10% and improved overall code quality and maintainability.
- Revamped website UI using CSS and Angular Material on Angular v10-based front-end, enhancing user-experience and website aesthetics.

## Academic Projects

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

- Engineered a high-precision Chrome extension simplifying the collection of user-submitted job applications from 6 job boards, achieving a 95% accuracy rate in job details extraction.

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

- Crafted a Java project inspired by Dropbox and Google Drive, incorporating a server-client architecture for robust file synchronization among multiple clients, seamlessly integrating UDP/TCP, File Watcher, and multi-threading.

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

- Supervised a team of 5 in the creation of an Android app, utilizing Android Studio, Google Maps APIs, and Room database integration, resulting in a streamlined user experience and enhanced functionality.

### 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.

## 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, SQL, GraphQL, HTML, CSS

**Frameworks:** React, Django, Angular, NodeJS, Spring Boot, Hibernate, Bootstrap

**Cloud and Databases:** Microsoft Azure, Google Cloud, AWS, MongoDB, MySQL, OracleDB, PostgreSQL

**Tools:** Git, Linux, Ubuntu, DBeaver, Datadog, Jira, TestNG, Jenkins, Docker, Swagger, Postman