

Kaustubh Deokar

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Experience

Siemens Digital Industries Software,

Hyderabad, IN

Associate Lead Software Engineer

Jan 2023 - *

- Security: Restrict Access to Designs. Required changes in way we fundamentally process design and any entity related to design. Modifying legacy code on affected entities to comply with authorization.

Senior Software Engineer

Jan 22–Dec 22

- OAuth2: - Authorization support added for all supported suites (Total of 3). Used Keycloak to test the same.
- Licensing: Implementing a centralized licensing approach for 3 suites and discontinuing prior fragmented licensing approaches.

Software Engineer

July 2020–Dec 2021

- Data multiplication: Utility to replicate data used for scalability testing. 40 % Faster than older utility using multi threading.
- Product Rebranding: - Core product renaming as per Siemens guidelines. Sub stories done to support full stack development. DB - Upgraders - backward compatibility support, Object Model - Product naming, common ribbon changes, UI - JavaFX login screen.

Intern

Dec 2019–Jun 2020

- Tagging: Support for custom taggers in search. Creating tags for objects with attributes defined from a Json file. Tags used for search, query through REST APIs.
- A background task - periodically syncing GB's of data between two databases.

Skills

Programming Languages Java, Python, C++, SQL

Databases: PostgreSQL, Oracle, MongoDB. **Build Tools:** Gradle, Maven, Make.

Framework: Spring Boot, JUnit, Mockito,

Tools and Technologies: Postman, Git, Confluence, Jira, Docker

Projects

HRM Tool

- Features include tracking user activities, location through Geo-location APIs, log timing, attendance through micro-service architecture. **Project Link**
Spring Boot, C++, MySql, Go Lang, React

Blogging Site

- A full stack blogging application with topic management, post creation, JWT based user authentication. **Project Link**
Spring (Boot, Security, Data JPA, Web)
Front end application in Angular **Link**

Messaging App

- Messaging application using Websockets. Supports Group messages, private messages. Uses SockJs for websocket implementation, Stomp protocol for messaging. **Link**
Spring Boot, SockJs, Stomp protocol for messaging, UI - HTML/CSS/JQuery

Education

Vellore Institute of Technology, Vellore

TamilNadu, India

B.Tech, Computer Science and Engineering - 9.03/10

2016–2020

Accomplishments

Paper presentation at Siemens Internal Technical Conference 2021: Developing Framework for Stress Testing the software.

Hackerrank - 5* badges and certifications in Java, Problem Solving, Python and C++. **Profile URL**

Certifications from MongoDB, IBM - Microservices. **URL**

Certifications in REST API's and SQL. **URL**