

Utkarsha Agarwal

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Education

B.TECH (CSE) | JULY 2017-JUNE 2021 | MAHARISHI DAYANAND UNIVERSITY | 72.6%

Experience

Software Engineer | COFORGE (Santander UK)

- Engaging in end-to-end full-stack development, encompassing both front-end and back-end components.
- Conducting in-depth research and investigations to deliver well-documented solutions.
- Notable achievements in code optimization and performance enhancement.
- Swiftly developing and maintaining a multitude of microservices with a strong emphasis on clean code.
- Actively participated in workshops and training sessions to continually enhance skill set.
- Skills Used - JAVA, Angular 12+, Spring Boot, Gitlab, Jenkins, Sonarqube, Hibernate, Microservice, Rest API.

Projects

SANFORGE (FULL STACK) | SANTANDER UK | AUGUST 2022 - PRESENT

- Sanforge was an in-house application to manage the data of santander employees under coforge.
- Utilized Angular for the front-end and Spring Boot for the back-end, with MySQL serving as the database, and implemented RESTful APIs through microservices.
- Successfully established a connection with the database and meticulously crafted the back-end, rigorously testing the application on various platforms to ensure seamless operation.

PATCHING SERVICING (FULL STACK) | SANTANDER UK | JANUARY 2022- AUGUST 2022

- Led the management of frontend, backend APIs, and the database.
- Employed MySQL as the database, Spring Boot as the backend, and Angular 12 as the frontend framework.
- Engineered a robust web project with a strong emphasis on security principles.
- Achieved performance optimization and increased code coverage.
- Designed the system to allow users to apply filters for data organization, making it searchable and editable, and enabling data export to Excel format.
- Accomplishment - A notable achievement was handling large volumes of server data efficiently through this project.

MIRO (DATABASE) | SANTANDER UK | JULY 2021 - JANUARY 2022

- MIRO was a Santander Support application where customer register their cases for any complaints.
- Responsible for handling the database here which was based on oracle and sql.
- Got to know about the Informatica powercenter 9.6 also because MIRO's backend was developed on it.

Skills & Abilities

- **Backend:** Java, Spring Boot, Hibernate, JavaScript, JDBC, JPA, Microservice, REST API.
- **Frontend:** Angular, Typescript, Javascript, HTML, CSS, Bootstrap.
- **Cloud:** Azure, GCP.
- **Tools:** Spring Tool Suite, Eclipse IDE, VS Code, Postman, Maven, Oracle SQL Developer, MYSQL WorkBench, Git/Github/Gitlab, IntelliJ, Docker, Jenkins, SonarScanner
- **Databases:** Oracle, MySQL.

Course Work

- **Microsoft Certified:** Azure Fundamentals(AZ-900)
- **Udemy:** DevOps, CI/CD for Beginners
- **Udemy:** Mastering microservices with spring boot and spring cloud