Sahil Mattoo

Boston, MA | (857) 389-6563 | mattoo.s@northeastern.edu | LinkedIn

TECHNICAL SKILLS

Programming languages:	Java, Javascript, HTML-5, CSS-3
Database:	SQL, MySQL, Postgres, Teradata
Other:	Spring, Maven, Hibernate, Bootstrap, DevOps, Agile, SCRUM, Soap, REST API, Postman, Github, Jenkins, Linux, Swing, Burp Suite, WSO2

EDUCATION

Northeastern University, Boston, MA, USA   Jan 2022- Dec 2023(exp)
Master of Science, Information Systems
Courses: *Application Engineering and Development, Web Design and User Experience*

Savitribai Phule Pune University, Pune, India   Jun 2015- July 2019
Bachelor of Engineering, Electronics and Telecommunication
Courses*: Data Structures and Algorithms, Object oriented programming*

PROFESSIONAL EXPERIENCE

Software Engineer, Larsen and Toubro Infotech Ltd., New Delhi   Sep 2019 – Nov 2021
- Developed backend services using Java for Insight portal, Reporting portal and Compliance portal.
- Designed REST API using MVC architecture.
- Created jobs using Java for various file creation and processing.
- Amplified efficiency by automating manual tasks performed in some processes.
- Implemented issue ticketing system for the web application.
- Resolved 50+ issues raised, across Insight portal, Reporting portal and Compliance portal.
- Empowered trainees on technical workflow in the project.
- Deployed applications in production environment (Linux machines) using Jenkins.
- Handled the file processing division of the team single handedly.
- Wrote excel macros and VBA script for date gathering functionality.
- Used WSO2 to implement authentication in the web application.
- Performed vulnerability testing using Burp Suite and used spring security for shortcomings.
- Collaborated with customer to efficiently build new functionalities and resolve production issues.

PROJECTS

E-commerce Website | Java, JavaScript, Spring, Maven, SQL, HTML-5, CSS-3   Sep 2019 – Dec 2019
- Designed and developed an e-commerce website with different roles for admin, customers, and seller.
- Implemented responsive and user-friendly design.
- Installed features like inventory management, cart management for users. Session management was also implemented for the website.

Safe Petrol Distribution System with Adulteration Prevention | C#   Aug 2019 – May 2019
- Designed and implemented a system to identify adulteration at gas stations and notify the concerned authorities.
- Built the system using LDR sensor and Atmega-16 microcontroller. C# was used to write the adulteration detection logic.
- Programmed the functionality to monitor live fuel-level in the distribution tanks, implemented using NodeMCU and Ultrasonic sensors.