

Subham Singh

Software Engineer

Experienced web services developer with over 2.7 years of expertise in designing, implementing, and optimizing RESTful APIs and web services using the Spring Boot framework.

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WORK EXPERIENCE

Java Developer

Tech Mahindra

09/2021 - Present

Kolkata

Web Service Development

- Designed and developed robust web services with RESTful APIs using Spring Boot framework, like APIs for customer relationship management services, provisioning services while working for telecom domain project.
- **Performance Optimization:** Leveraged Spring Boot's performance optimization features to reducing server resource consumption by 30% and improving application scalability. These enhancements significantly lowered infrastructure costs while maintaining high performance standards.
- Conducted thorough testing, including unit tests and integration tests, using frameworks like JUnit and Mockito to ensure the reliability and correctness of REST API functionalities.
- **Streamlined Data Retrieval:** Designed and implemented optimized RESTful APIs that reduced data retrieval times by up to 40%, enhancing system responsiveness and user experience. This efficiency contributed to a 15% increase in productivity.
- Participating in troubleshooting, code reviews to ensure adherence to coding standards, best practices, and quality guidelines. Contributing to testing efforts by developing and executing test cases.
- Creating and maintaining technical documentation using swagger UI, including system architecture, design documents, and user manuals.

EDUCATION

B.tech in Electronics and Instrumentation

Techno India Salt-Lake

07/2016 - 07/2020

8.03CGPA

12th(Statistics)

Shree Jain Vidyalaya

75.4%

10th(Math)

Kankinara High School

77%

SKILLS

Core Java

Java8

Spring Boot

Hibernate

Web Services

Rest API

JUnit/Mockito

SQL

Microservices

UNIX

Java Script

Docker

AWS

Data Structure

Agile

PERSONAL PROJECTS

Blog Application [🔗](#)

- Created a dynamic and user-friendly blog application utilizing Spring Boot and RESTful APIs, backed by a MySQL database. I designed and developed a secure platform. The application, hosted on AWS, showcases my proficiency in full-stack development, database management, and cloud deployment, highlighting my ability to deliver a functional and scalable web solution.

Text Utils App with dark mode [🔗](#)

- Introducing a versatile Text Utils app that simplifies text allowing you to replace words, remove extra spaces, and convert text to lower or uppercase, this app was built using React and JavaScript and even comes with a convenient dark mode option. Anyone can utilize this app to format text.

CRUD-Implementation

- Build using springboot and post man which performs create,read,update and delete request using postman tool.

Birthday Card [🔗](#)

- Checkout this unique way to wish anyone a happy birthday, its a static web page contains some pics , card and wishes.

ACHIEVEMENTS

Coding Platform

Completed over 700 coding challenges on LeetCode and GFG , sharpening my skills in data structures & algorithms and problem solving skills. Also got 9k world rank in leetcode contest.

LeetCode & GFG

<https://leetcode.com/Subh001/>

<https://auth.geeksforgeeks.org/user/singhsub42tc>

Exams

Cracked GATE exam twice with rank around 1000 and 1300 and also ranked AIR 4 in department of atomic energy exam for Technical Officer post.

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency