

Tejasvi Singh

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EXPERIENCE

Application Engineer

July 2024 - Present

Newgen

- Delivered banking solutions worth **10M** for Indian and international clients (Axis, BDO, EBRD), launching POC portals for SIDF, GBK, and EWS
- Designed SQL-driven validation logic that reduced false validations by 30%, boosting campaign effectiveness.
- Handled complete frontend in React and their localization ,introduced **debouncing, pagination**, reduced code redundancy by 30%
- Tech Stack/ Relevant Skills: JavaScript, SQL, React.js, Java, Spring Boot.

PROJECTS

Counselling Portal

[link](#)

- Implemented secure authentication with **Spring Security and JWT**, supporting normal login, **OAuth2**, and robust token management,**access/refresh tokens via cookies**.
- Optimized SQL queries, reducing response time dramatically from **20 seconds to 0.04 seconds**, improving system performance.
- Automated deployments using **Docker, Jenkins, and Kubernetes**, enabling scalable and reliable **CI/CD pipelines**.
- Integrated business features including **Razorpay payment gateway** and **dynamic PDF generation** to enhance application functionality.

Ecommerce site

[link](#)

- Ecommerce Site using Spring Boot, React and AWS with Monolithic architecture
- Ecommerce web app with all fundamental features along with implementation of **Pagination, Search/Filter** by Category, **Spring JPA**, MySQL etc.
- Implemented **oAuth, RBAC, Spring Security**
- Used AWS services **S3** for storing files, **RDS** for database, **IAM, EC2, Elastic Beanstalk** for app deployment

SKILLS

Programming Languages: Java, JavaScript, Python

Frameworks and Architecture: React.js, Next.js, Redux, Zustand Spring Boot, Microservices, Restful APIs, GraphQL

Database: SQL, MongoDB, Oracle, PostgreSQL, Firebase, Redis

Familiar Tools: GitHub, Docker, Jenkins, Kubernetes, AWS

EDUCATION

JSS Academy of Technical Education

Noida

B.Tech in Electronics and Communication Engineering - 8 CGPA

2024

Sanskriti Public School

Higher Secondary Education, CBSE - 95.6%

2020

Mount Litera Zee School

Senior Secondary Education, CBSE - 85.6%

2018

CODING PROFILE

LeetCode: leetcode.com/tejasvi_18_08/