

# TRUSHITA MAURYA

SENIOR FULL STACK DEVELOPER

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Full Stack Developer with **7+ Years** of professional experience. Adaptable to individual & collaborative environment.

## SKILLS

- Spring Boot, Spring MVC
- React Js, Redux, Saga, Typescript
- Java 17
- Material UI
- Jenkins
- HTML5, CSS 3
- RESTful API
- JavaScript
- SQL
- Docker, Kubernetes, AWS and Helm charts

## EXPERIENCE

### SENIOR FULL STACK DEVELOPER

Royal Bank of Canada (Capital Markets) | Toronto, ON

JAN 2023- PRESENT

- **Reduced transaction processing time by 35%** in the forex trading platform by optimizing Java-based logic and database queries, leading to a **increase in daily trading volume** handled without additional server costs.
- **Decreased message processing latency by 40%** by optimizing Solace pub/sub messaging patterns and fine-tuning configuration parameters, improving overall communication speed between microservices and reducing system bottlenecks.
- **Increased code maintainability by 25%** through refactoring the legacy codebase and applying SOLID principles, which reduced the number of bugs reported in QA by 30% and improved the ease of adding new features.
- **Enhanced front-end load time by 30%** by **optimizing React components**, implementing **lazy loading** for large AG Grid data sets, and reducing unnecessary re-renders, which resulted in faster UI response times and improved user satisfaction.
- **Increased system availability to 99.9%** by designing a fault-tolerant architecture with F5 load balancers, sticky sessions, and Zookeeper for distributed node management, reducing downtime by 80% during peak trading hours.
- **Improved API throughput by 50%** by optimizing RESTful service design for currency deal booking, reducing average API response times from **500ms to 250ms**, and increasing the number of **processed transactions per second by 60%**.

### LEAD MODULE DEVELOPER

Persistent Systems | Pune, India

JULY 2019- NOVEMBER 2022

- **Solved a design problem** of customizing the same component based on user preference by using random function concepts in react components **that reduced the implementation work by 50%**.
- **Improved project performance by reducing page load response** time by optimizing code to reduce multiple API calls that reduced the load time from **3 secs to .5 secs**.
- **Developed reusable components** using React.js (with Typescript), Material UI, Redux, and Saga for Supply Chain Management stakeholders and **reduced 100% license cost for using enterprise libraries**.
- **Developed common Grid Library** that was heavily used on different pages to display supply management information.
- **Acted as a SCRUM Master** and have extensive knowledge of Agile methodology with proficiency in endtoend software development life cycle.
- **Led a team of 7 members** by managing task allocation and ensuring feature completion within deadlines through the Jira issue tracker and taking up SCRUM Master role.

## FREELANCER

Carscan | Pune, India

JULY 2019- NOVEMBER 2022

- Developed **reusable react components** for carscan setup.
- **Implemented features for scanning parts of the car** to send the information for insurance claiming and suggesting probable solutions to fix the car.
- **Created UX Design** to prototype screens using Figma.
- **Introduced Firebase integration to push notifications** for alerts in the application.

## SENIOR SYSTEMS ENGINEER

Infosys | Pune, India

MARCH 2017 – FEBRUARY 2018

- **Modernized application by migrating Offshore Online Tool application** from ColdFusion to upgraded technologies like Java and SQL to improve performance, responsiveness, and usability from the backend.
- Worked on **performance activity** by restructuring the SQL queries and creating table views which helped **improve the page responsiveness by 40%**.
- **Built GraphQL APIs** that allowed clients to request specific data, preventing over-fetching and under fetching.

## SOFTWARE DEVELOPER / INFOSYS, BANGALORE

Infosys | Pune, India

JUNE 2014 – MARCH 2017

- **Developed service flow for British Telecom client to monitor the networking elements** (routers, hubs, switch, ports and connectors) by processing large network data using Java, automating ticketing system for defective networks.
- Improved software's efficiency by automating reports and developing an alarm page for abnormalities in networking elements which **increased productivity by approx. 25%**.
- Proactively monitoring and providing insights that help IT and operation teams **deliver service assurance of physical and virtual networks**.

## EDUCATION

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### Master of applied computer science

Dalhousie University, Halifax NS  
Grade A+

JAN 2022-APRIL 2023

### Udacity Google Scholar (Front-end Development)

Udacity, Pune, India

FEB 2018 – DEC 2018

### Bachelor of information technology

Abdul Kalam Technical University, Ghaziabad, UP  
GPA 3.3

AUG 2010 – MAY 2014