

# Rajat Sharma

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Github : <https://github.com/rajatjc>  
Leetcode : <https://leetcode.com/rajatjc/>

LinkedIn : <https://linkedin.com/in/rajatjc>  
CodeChef : eobardthawne (4 star)

## TECHNICAL SKILLS

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- **Languages:** C++, Java, Python, C, .NET, C#, HTML5, CSS3, Javascript, Bash, Shell
- **Frameworks & Libraries:** Node.js, Next.js 13, Spring Boot, Hibernate, Django, React.js, Flask, REST API
- **Databases:** Cassandra, SQLAlchemy, MySQL, PostgreSQL, Oracle, MongoDB, Redis, NoSQL
- **DevOps:** AWS Services, Azure, Git, GitHub, Docker, Kubernetes, CircleCI, Jenkins, Nginx, Terraform, Azure, GCP, SOAP
- **Methodologies:** Agile (XP & TDD) and SCRUM, SDLC, MVC, Unit testing, end-to-end testing, Microservices
- **Developer Tools:** Visual Studio, PyCharm, IntelliJ, Eclipse, Postman, Vim

## EXPERIENCE

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### Software Developer

August 2021 - August 2022

*Tejas Networks - Java, Tomcat, Ant, MySQL, Docker, SSH, JSP, CVS, DHTMLX*

*New Delhi, India*

- Implemented reconciliation feature in TejnMS using Java backend and the adapter interface factory design pattern, resulting in a **30%** improvement in resource allocation efficiency and a **20%** reduction in manual node and link recovery time.
- Deployed **23** VMs as nodes using Docker for efficient unit testing of SDH and GPON units in the TJ5500 system, simulating actual physical nodes and requiring expertise in IPv4, IPv6, and Docker, which enhanced issue identification, improved software reliability, and strengthened overall testing capabilities.
- Developed bash and shell scripts for TejnMS release automation in both Windows and Linux, accelerating the delivery of updates and new features by **60%**, streamlining deployment, contributing to TejnMS being adopted in **750k** deployments, and increasing development team agility and release reliability.

### Software Engineer

May 2021 - July 2021

*Apisero Inc. - Salesforce, Java, Jenkins, Mule ESB, MuleSoft, JS, SQL, Docker, Design Patterns*

*New Delhi, India*

- Led cross-functional teams to deliver three customized Salesforce solutions, driving a 20% increase in user productivity and a 15% revenue boost, while also fostering seamless communication and collaboration among team members to promote innovation and problem-solving in a dynamic professional environment.
- Led quality assurance efforts during my tenure at Apisero, conducting 150+ hours of comprehensive testing and troubleshooting, resulting in a 98% application stability rate and 100% client satisfaction with the performance and functionality of Salesforce applications.

## EDUCATION

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### Master of Applied Computer Science

Montreal, Canada

*Concordia University; GPA: 3.6/4.3*

*September 2022 - January 2024(expected)*

### Bachelors of Technology in Information Technology

New Delhi, India

*Guru Gobind Singh Indraprastha University; GPA: 3.9/4.3*

*August 2017 - August 2021*

## PROJECTS

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**StyleSphere** ([link](#)) | *Next.js 13, MongoDB, Tailwind CSS, Strapi, Firebase*

August 2022

- Ecommerce website for clothes: Successfully reduced the registration drop-off rate by **25%** and increased daily sign-ups by **20%** through a redesigned user-friendly UI, client-side validation, and MongoDB integration.
- Reduced cart abandonment rate by **30%** and improved user satisfaction by introducing real-time cart functionality using Firebase, WebSocket communication, and authentication middleware.

**CareerLinkup** ([link](#)) | *Python, Flask, SQLite, HTML, CSS, Javascript*

June 2023

- Developed the CareerLinkup job portal website using Flask and HTML/CSS, achieving a **99.9%** website uptime for reliable accessibility hosted on render.
- Instated CI/CD processes using CircleCI, reducing deployment times by **40%** and ensuring efficient code integration and deployment.

**Movie Review** ([link](#)) | *Cassandra, Kubernetes, HTML, Flask, Nginx, and Azure*

December 2022

- Designed and orchestrated three Kubernetes pods for efficient data distribution, ensuring real-time availability and fast access to a vast **7.8 GB** dataset of IMDB movie reviews from Kaggle.
- Put into practice a high-performance Cassandra cluster architecture with three nodes to optimize data storage, retrieval, and real-time accessibility, demonstrating strong data management skills.
- Utilized Nginx as a load balancer and reverse proxy, upgrading system performance and scalability in a production environment.