Rajat Sharma

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Github | Leetcode | Codechef

Techinal Skills

- **Programming Languages**: DotNET, **Java**, C++, Net C#/,Python, C.
- **Languages**: **JavaScript (ES5/ES6)**, Typescript, CSS, HTML, Dart, JSON and Yaml.
- **Frameworks**: Flask, Node.js, Express.js, MongoDB, Flutter, **Firebase**, GraphQL
- **Tools**: **Git**, GitLab, Postman, **AWS**, REST APIs, Linux, Material UI, **Docker**, Jira, Kubernetes, Azure, Kibana
- **Skills**: Front-end, **Agile**, Back-end, Unit testing, Micro-services, CI/CD, SCRUM, Kanban, **DevOps**
- **Databases**: **MySQL**, MongoDB, Cassandra, SQLAlchemy, PostGre SQL

Experience

Software Developer
August 2021 - August 2022

Tejas Networks — *New Delhi, India*

- Developed a reconciliation configuration feature and conducted bug fixes for the QoS domain in TejNMS, enhancing network administrators' ability to manage and prioritize traffic. This led to improved resource allocation, better service levels, and increased customer satisfaction.
- Deployed **23** VMs as nodes using Docker for unit testing SDH and GPON units in the TJ5500. This allowed for efficient and isolated testing of network elements, resulting in quicker issue identification, enhanced software reliability, and improved overall testing capabilities.
- Optimized release time by creating bash and shell scripts to automate the process of releasing TejNMS components in both Windows and Linux environments. This achievement led to a **60%** faster delivery of updates and new features, increased development team agility, and a smoother and more reliable release experience.

Teaching Assistant
May 2019 - September 2019

Coding Ninjas — *New Delhi, India*

- Proficient in C++ Data Structures, successfully addressing more than **800** student inquiries with accuracy and clarity.
- Achieved an exceptional overall rating of **4.73** out of **5.0**, demonstrating a dedication to excellence in teaching and providing outstanding support to students.
- Made a meaningful impact on students' learning journeys by effectively communicating complex concepts and facilitating their understanding of C++ Foundation and C++ Data Structures.

Projects

CareerLinkup | *Python, Flask, SQLite, HTML, CSS, React, and Bootstrap*
June 2023

- CareerLinkup is a comprehensive career services platform facilitating connections between job seekers and employers.
- Implemented user registration, login, and profile creation features to enable job seekers to create personalized portfolios and employers to efficiently manage company profiles.
- Developed job posting and browsing functionalities, empowering employers to post detailed job offers and allowing job seekers to search and apply for suitable opportunities.
- Enhanced the platform's analytics and reporting features, providing employers with valuable insights into application statistics, job posting performance, and user engagement for data-driven decision-making.

Movie Review | *Cassandra, Flask, HTML, Nginx, and Azure*
December 2022

- Developed a full-stack web application, using HTML for the front end and Flask for the back-end.
- Implemented Cassandra as the database to store the 7.8 GB of IMDB movie reviews from Kaggle.
- Created an efficient batch script to facilitate data insertion into Cassandra.
- Deployed the website on an Azure virtual machine, utilizing Nginx as the web server.
- Gained proficiency in various cutting-edge technologies, such as Cassandra, Flask, HTML, Nginx, and Azure.

Education

Master of Applied Computer Science
Montreal, Canada

*Concordia University; **GPA:** 3.74/4.0* — *September 2022 - January 2024(expected)*

Bachelors of Technology in Information Technology
New Delhi, India

*Guru Gobind Singh Indraprastha University; **GPA:** 3.65/4.0* — *August 2017 - August 2021*