

SURAJ KUMAR

Working For Cisco Webex
Software Engineer
Preferred: Pan India

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SKILLS

Language: Java, Python, C/C++, Node.js.

Tech: Data Structures & Algorithm, RESTful API, Git, MongoDB, Express.js, React.js.

Frameworks and Tools: Docker, Kubernetes, AWS, Jira, CI/CD, Linux, Git, HTML5, CSS, JavaScript, Spring Boot, Hibernate, Microservices, Django, REST API, XML, JSON, MySQL, Grafana.

EXPERIENCE

Feb 2024 - Present

Cisco Webex

Software Engineer

Bangalore

- Built and optimized **Docker** images for Antares project, integrating Camelot-pi and supporting SRTP-RTP testing on OCP setup Grafana.
- Expanded testing capabilities, enabling complex performance scenarios and increasing testing **efficiency about 38%**.
- Streamlined **Jenkins** pipelines for Antares and Beech projects by automating security scans and resource monitoring, improving **CI/CD** robustness, reducing deployment time by 30%, and enhancing reliability.
- Upgraded Cisco's SSL to version 7.2.579 to address security vulnerabilities, strengthening the security posture of test environments and reducing security risks.
- Coordinated migration from CentOS 7 to **Ubuntu** 20 and Alma Linux 8 for multiple Jenkins servers, increasing compatibility with modern software stacks.
- Transitioned CV PSTN test cases to KIND on **Kubernetes**, optimizing test execution and enhancing deployment flexibility, and reducing setup time by 20%.

PROJECT

Hospital - API

[Github](#)

Tech Stack: | Node.js, JWT, MongoDB, Express, Postman.

- Designed a **Restful API** that allows doctors to register patient data, including details about whether a patient has tested positive or quarantine.
- Established a scalable Model-View-Controller (MVC) architecture for the application, enabling better organization and ease of future enhancements.
- Implemented JWT authentication for secure login of registered doctors, enhancing data privacy and strengthening user authentication.

CSV Upload Web App

[Github](#)

[Project Link](#)

Tech Stack: | MVC, Node.js, MongoDB, CSV-parser, ejs.

- Engineered a cutting-edge CSV-file viewer application, allowing seamless file uploads and reducing data processing time by 40%.
- Utilized MongoDB Cloud Atlas for secure and efficient file storage, implemented EJS for dynamic frontend rendering, and incorporated JWT authentication for enhanced security.
- Implemented lazy loading and Pagination, resulting in a 25% improvement in application loading speed.

EDUCATION

Ramgarh Engineering College, Jharkhand

Jul 2018 - May 2022

B-Tech in Computer Science

CGPA: 8.2

Grizzly Vidyalaya, Jharkhand

Apr 2015 - Mar 2017

Higher Secondary (Class XII)

Percentage: 77

Modern Public School, Jharkhand

Apr 2013 - Mar 2015

Senior Secondary (Class X)

CGPA: 8.2

CERTIFICATIONS

- Earned certifications from Coding Ninjas in **Node.js**, **Java**, **Python**, **Data Structure** demonstrating comprehensive knowledge and hands-on expertise in these technologies.
- Solved **350+ questions of DSA** on LeetCode with consistently focusing on optimized solutions.
- Achieved a competitive LeetCode **Contest Rating of 1,491**, showcasing problem-solving excellence.