

# Curriculum vitae

## Personal data

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**Name:** Rohit K.

### Technical Knowledge and Skills

Javascript, Node.js, React, HTML, CSS



Rohit is a dedicated, detail-oriented, analytical minded professional with a passion for programming and scalable solutions. He has more than 6 years of hands-on coding experience as part of fullstack web development, system and hardware programming, embedded system, hybrid mobile app development and game development.

## Education

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**India**

**Bachelor's degree in Electrical Engineering, National Institute of Technology**

## Work experience

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January 2021 -  
Present

**Freelancing, India**  
Software developer

### Stack:

- Javascript
- Node.js
- Express
- Golang
- Kafka
- PostgreSQL
- Docker

- Jenkins

**Responsibilities:**

- Developed a web based trading platform and wealth management solution
- Developed APIs powering up the web and mobile app to connect the patient with doctors

January 2019 -  
December 2020

**Informational technologies and services, India**  
Senior Software Engineer

**Stack:**

- Golang
- Node.js
- MongoDB
- Kafka
- C++
- Python
- React

**Responsibilities:**

- Developed operations like discovery, re-acknowledgement, decommission, recommission of Fabric Extender, FI-attached servers and stand-alone servers
- Implemented remote OS installation through virtual media for servers
- Implemented Port configurations and policy management for different hardware
- Implemented RME support (removal and replacement of equipment in case of failure)

December 2017 -  
December 2018

**Informational technologies and services, Singapore**  
Technical Architect

**Stack:**

- HTML
- CSS
- Javascript
- Golang
- Node.js
- PostgreSQL

- MongoDB
- Python
- AWS
- Docker
- Kubernetes
- Kafka

**Responsibilities:**

- Overhauled complete architecture by migrating the whole existing monolithic application written in PHP to microservice-based architecture mostly built around Node.js, Docker, Kubernetes deployed on AWS
- Led a team of 5-8 engineers to refactor the existing architecture
- Improved the application performance overall by 65%

March 2015 -  
November 2017

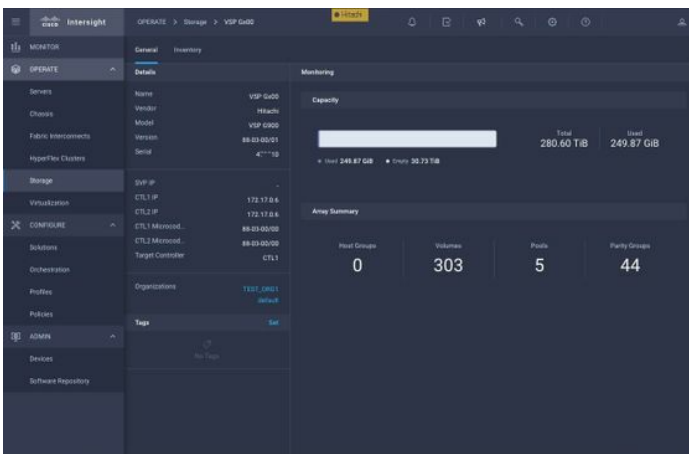
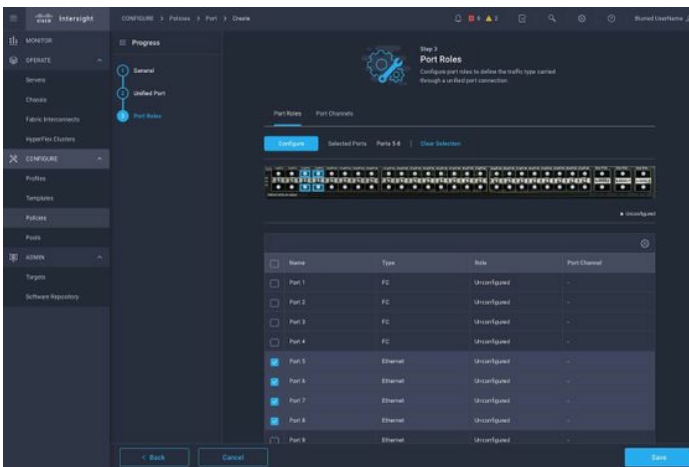
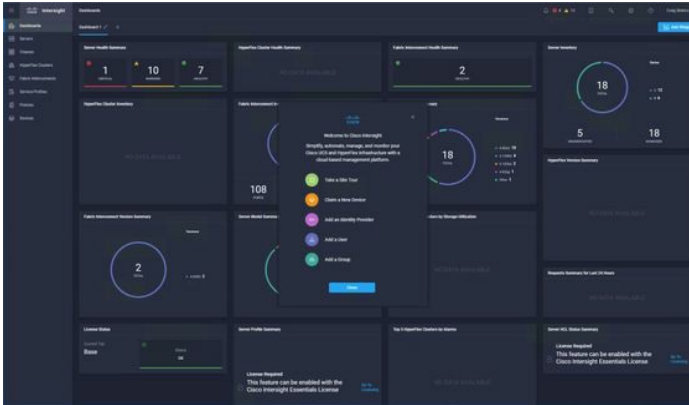
**Informational technologies and services, India**  
Software Engineer

**Stack:**

- Java
- Angular
- MySQL
- OracleDB
- Redis
- Spring
- React
- Python
- Webpack
- PostgreSQL

**Responsibilities:**

- Developed A2P Messaging platform to be used by Banking and Network providers for transactional and promotional messages
- Developed independently customization and support for a new message storage tool of the application

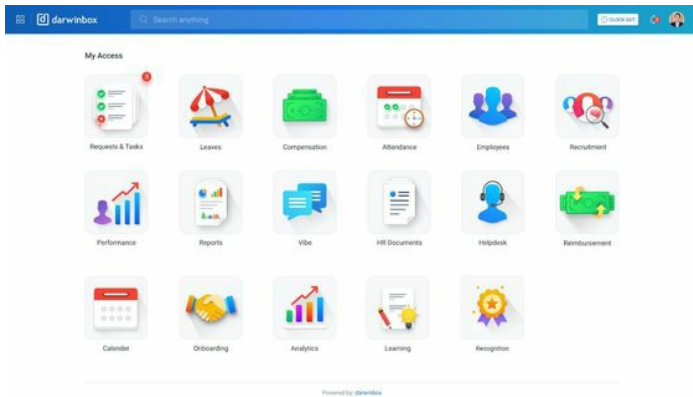


## Cisco servers, switch and network management for Data Centers/ Infrastructure and Networking

January 2019 - December 2020

Cisco Intersight is a SaaS (Software-as-a-Service) infrastructure management platform that reduces the complexity and manual effort required to deploy, upgrade, and maintain cisco hardware like Fabric Interconnect (switches), servers, chassis, Fabric Extender etc. in a data centre. It's on-premises counterpart – "Intersight virtual appliance" provides customers with similar deployment options while still offering all the benefits of SaaS.





## Human Capital Management / HR

### December 2017 - December 2018

A cloud-based Human Resources Management Software (HRMS) which engages and empowers employees across the entire lifecycle (hire-to-retain). This new-age enterprise-ready platform provides a smarter, simpler & mobile-first HR Tech experience powered by AI and Machine Learning that enables enterprises to automate day-to-day HR processes, simplifies human interaction and delivers actionable insights to build better workplaces.

#### Roles/Tasks:

Developed the following features/modules:

Worked in the capacity of the Technical Architect to shape/refactor out the complete web application to microservices-based architecture.

Overhauled complete architecture by migrating the whole existing monolithic application written in PHP to microservice-based architecture mostly built around NodeJS, Golang, Docker, Kubernetes and AWS. Developed Advanced Talent Analytics module which helps smart Candidate Shortlisting based on improved resume and profile sourcing and parsing.

Added OCR-based expense scans to the organization dashboard so that the employee reimbursements can be managed without much human attention.

Enabled the solution to be scalable to the 1M+ users.

Led a team of 5-8 engineers to refactor the existing architecture without compromising the ongoing requirements from different customers.

#### Team Size: 20

#### Achievements/Results:

Improved the application performance overall by 65% (300% in some modules/APIs).

Automated software tasks from developer machine's commit/push to production deployment.

This improved deployment reliability and reduced effort by 50%.

Integrated HA and scalability solutions by adding modules around disaster recovery, load balancing, logging and monitoring the different parts of the web application.

Introduced multiple optimizations to reduce service development effort by up to 20%.



Technologies used:

React, Javascript, Node.js, MongoDB, Python, AWS