# Raghav K

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📍 Chennai

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## 📇 PROFILE

Having 8+ years of experience working at startups and companies with competitive environments on various backend technologies and multiple clouds.

## 🧠 SKILLS

- Ruby on Ralis
- Node JS
- AWS
- Azure
- Java
- Docker
- EmberJS
- Kubernetes

## 🎓 EDUCATION

**B.Tech Computer Science and Engineering**
SASTRA University
2010 – 2014 | Thanjavur, India

## 💼 EXPERIENCE

**Optum Insights India Pvt Ltd** ⤢
Senior Software Engineer
05/2018 – 07/2022 | Chennai

- Dockerized an application and re-architectured them to be deployed on multiple clouds (AWS and Azure) using Kubernetes and setup the complete CI and CD (Jenkins)
- Migrated an on-prem Data Warehouse from Oracle to AWS using Redshift as the Data store and completely automated the Data Delivery pipeline using S3 as the input and output for the execution process and reduced the delivery time by 75%.
- Automated an execution pipeline for data processing in Redshift via AWS Step Functions, SNS and Lambda which sets up all the Databases, Tables and Views from scratch based on external tables with S3 as the data source on every execution whose triggers are automated using Jenkins and can be customized as required. This reduced the execution time from Oracle by 40%.
- Have designed and architected and migrated multiple applications to multiple clouds (AWS/Azure) using Infrastructure as Code (Terraform)
- Have setup Jenkins CI/CD for multiple project using declarative pipeline and have written multiple pipeline library code which are independent modules which act as framework code to be used by multiple teams for setting up their pipelines
- Developed a form builder tool which allows questions to be created dynamically and be added into the form immediately for them to be displayed in a Doctors Appointments scheduling product.
- Designed and Implemented CERNER integration to a Doctor Appointment Scheduling Product using Smart Apps on FHIR.
- Have provided technical mentorship to my team for solidifying product reliability and adherence to quality standards.

**Freshworks Inc.** ⤢
Product Developer
06/2014 – 02/2018 | Chennai

- Developed a SDK which is a CLI and has a suite of frameworks to support Third Party Developers to write their own Apps which can be used to integrate them into Freshdesk and its suite of applications.
- Freshdesk Developer Extension - (Chrome Extension) that works conjointly with the Freshdesk SDK to test the developed Apps in local machine for Third Party Developers, available on Chrome Store. (now deprecated)

## CERTIFICATES

**Cisco Certified Network Associate**
Certification ID : CSCO12414283

**MICROSOFT Technology Associate -
Web Development P Fundamentals**
Certification ID : D702-1478

**IBM Campus Ambassador**
2013-2014

**Diploma in LAN and WAN
Technologies**
RJP Infotek, Chennai

- Designed and Implemented a Multi product and multi asset REST API for Freshdesk App Marketplace using microservices architecture, A total of 7 services working together for Listing, Publishing and Consuming the Freshdesk Marketplace Apps with an API First Design.
- Automated deployments using Chef for Rails and NodeJS applications for Microservices Architecture.
- Automated Creation/Maintenance of AWS OpsWorks Stacks using Cloudformation.

## PROJECTS

**Performance Analysis of Routing Protocols in Wireless Sensor Networks such as AODV, DSDV and DSR when implemented with Random Waypoint Mobility Model - TCL and NS2**

**Symposium Management**