

Technical Skills:

Programming Languages: Ruby and Java.

Web Technologies: Ruby on Rails, Spring Boot, RESTful API's, OpenAPI specs, angular.js, jasmine, chai.js, protocol buffers, HTML, JavaScript, CSS, JSON services and XML.

Other Tools & Technologies: Amazon Web services (API Gateway, Lambda, EC2, ECS, SQS, DynamoDB and other services), Docker, Kubernetes, Terraform, RabbitMQ, Apache Kafka, Apache Flink, MongoDB, Chef, SQL, Elastic Search, Logstash, Kibana and RSpec.

Work Experience:

Senior Software Engineer – Cisco Systems

Sep 2019 – Present

- Working as an engineer for “Secure Endpoints” which is primarily a cloud delivered EDR solution in cyber security space.
- I’m a project lead for modernization projects on primarily as backend engineer for the web management console. My responsibilities include creating, reviewing, implementing solutions, building services, identifying constraints/dependencies, debugging, helping Product Owner in planning and estimation. I also work on features that are common between multiple teams.
- The tech stack is primarily Ruby on Rails and Golang with MySQL, MongoDB and Redis as datastores, Kafka and RabbitMQ for handling streaming data, Terraform and Chef to manage infrastructure, ELK stack and Datadog for logging and monitoring with all services being containerized and AWS as our cloud provider.

Software Development Engineer – Amazon Inc (Seattle, USA)

Jul 2017 – Feb 2019

- Worked as an engineer with AWS for creating a new AWS service “Amazon Worklink”, that launched in Jan of 2019. Worklink enables employees to access internal web content as easily as they access any public website, without the inconvenience of connecting to their corporate network. This is achieved by rendering webpages on secure AWS containers and sending down vector graphics to the browser.
- Involved in the development of the cloud-based web content rendering platform that offloads rendering workloads from end-user devices to the AWS cloud. Cloud rendering leads to faster page loads while consuming less bandwidth and providing secure browsing experience because none of the corporate data is cached or stored on employee phones and employee devices never connect directly to the corporate network.
- Providing this service allowed me to work with chromium code base and front-end JavaScript framework proprietary to Amazon making cloud rendering independent of browser or application on end user device.
- We used Java for backend API's with DynamoDB as datastore and other Amazon web services to setup and maintain infrastructure.

Programmer Analyst – Zenmonics Inc. (Charlotte, USA)

Jun 2016 – Jul 2017

- Involved in development of applications for Channel-United, an Omni-Channel banking solution with modules for digital banking, account opening, internal banking and kiosks.
- Developed User Interface using angular.js framework for teller services and other components of internal banking with local teller support feature and providing interactive voice response system (as per ADA) for the application.
- Actively communicate with clients and other teams in refining and implementing requirements.
- Used Angular.js and bootstrap for responsive UI design, LESS and CSS for styling and Java spring framework.

System Engineer Trainee – Infosys Ltd (Mysuru, India)

Aug 2014 - Dec 2014

- Actively involved in development of a log collection system to gather log data from various devices which helps in predicting and detecting causes of failure in networks.
- Participated in the development cycle (implementation and unit testing) of the agile software development methodology.
- Implemented the system in C++ using UDP protocol for data transfers over sockets.

Software Developer – CoreValue (Hyderabad, India)

Sep 2012 - Oct 2013

- Developed web solutions and modules for the company using MVC architecture and adhered to waterfall methodology.
- Participated in defining System Design, Architecture Specification and performed project and task estimation in accordance with Software Development Life Cycle (SDLC).
- Used Enterprise Java Beans (EJB 2.0) and JPA for database calls.
- Developed a text parser to filter resumes based on keywords to enable the shortlisting of candidates for interviews and streamline the recruitment process.

Education:

Master's in Computer Science

University of North Carolina, Charlotte.

GPA: 3.8

December 2015

Bachelor of Engineering - Information Technology

Osmania University, India.

GPA: 3.8

July 2014