

Experience

Aug 2022 - **Software Engineer**, *Cisco Systems India Pvt. Ltd.*, Bangalore, India

- Worked with team on various aspects of application security for Cisco IOT Control Center, such as Single sign on support and user security policies.
- Collaborated with team on a solution for centralization of secrets and SSL Certificates to separate their lifecycle from IOT Control Center applications.
- Designed and worked with githooks and Jenkins pipelines to manage and automate synchronization of the secrets and SSL Certificates across various environments.
- Collaborated with team on extraction of application secrets used in IOT Control Center applications and their centralization over numerous lab and production environments.

Internships

Feb - Jul, 2022 **Software Engineering Intern**, *Cisco Systems India Pvt. Ltd.*, Bangalore, India

- Worked with team in developing a solution for managing and externalizing SSL certificates for Cisco IOT Control Center.
- Worked with team in integrating and deploying certificate externalization in existing applications.

May - Aug, 2021 **Software Engineering Intern**, *Lexis-Nexis Risk Ltd.*, Atlanta, US (Remote)

- Designed HSQL, A SQL/BigQuery inspired language for querying and using HPCC Systems (A Big Data Processing Platform) to help data scientists get started with HPCC Systems quickly
- Implemented a transpiler for HSQL to translate to ECL, a declarative programming language used in HPCC Systems
- Created a Visual Studio Code extension for HSQL support using language servers
- Awarded the Community Choice Award in HPCC Systems Poster Competition 2021

Projects

Jul 2020 - **Design and Development of a website for IEEE RVCE Student Chapter**

- Created and managed Restful API endpoints and worked with team on UI design
- Management of deployments using Docker and Github Pages
- Website was a winner in Global Student Branch Website Contest 2021 and Second Runner Up - Student Branch Website Contest - IEEE R10 SAC 2021

Technical Skills

Languages Java, Typescript, JavaScript, Python, C, PHP, Rust

Frameworks Spring Boot, NextJS, React, HTML5, SvelteKit

DBMS MySQL, PostgreSQL, MongoDB

Technologies Docker, OCI, AWS, git, Kubernetes

General Web Development, Distributed Systems, Compiler Design, Data Structures

Education

Grad. Jul 2022 **B.E. - Computer Science**, *R. V. College of Engineering*, Bengaluru
CGPA: 9.07

Grad. May 2018 **Grade 12**, *Deeksha Integrated PU College*, Bengaluru
Grade: 87.5%

Grad. May 2016 **Grade 10**, *Baldwin Boys' High School*, Bengaluru
Grade: 93.17%

Languages

- English
- Hindi
- Bengali