

Internships

- Feb 2022 - **Software Engineering Intern, Cisco Systems India Pvt. Ltd.**, Bangalore, India
Current
 - Worked with team in developing solution for managing and externalizing certificates for Cisco's IOT Control Center.
 - Worked with team in deploying and integrating certificate externalization in existing applications.
- May - Aug, 2021 **Design and Improvement of HSQL: HPCC Structured Query Language, Lexis-Nexis Risk**
Jan - Jul, 2020 **Ltd.**, Atlanta, US (Remote)
(Project)
 - Design of HSQL, A SQL and BigQuery inspired language for querying and using HPCC Systems (A Big Data Processing Platform) to help data scientists get started with HPCC Systems quickly
 - Implementation of a transpiler for HSQL to translate it to ECL, a declarative programming language used in HPCC Systems
 - Implement a language server and an IDE extension for HSQL support
 - Improvements on the existing compiler to introduce an intermediate representation and better syntax
- Sep - Nov, 2019 **Backend Development Intern, Revagram(Startup)**, Bengaluru
 - Worked with team on design of the backend platform and database
 - Worked with creating and managing API routes

Projects

- Jul 2020 - **Design and Development of a website for IEEE RVCE Student chapter**
Present
 - Working with team on design of the backend platform and database
 - Working with creating and managing of RESTful API routes
 - Management and automation of deployments using Docker
- May - Sep, 2019 **Design and Development of a Web-based Distributed Filesystem**
 - Developed a system for storing files on a distributed node setup with a Web UI for management
 - Developed a FUSE-based filesystem driver to access and work with files from the filesystem natively.

Technical Skills

- Languages Typescript, JavaScript, Java, Rust, Python, C, PHP, CSS, HTML
- DBMS MySQL/PostgreSQL, MongoDB
- Technologies Docker, AWS, git
- General Compiler Design, Web Development, Data Structures

Education

- Jul 2018 - **B.E. - Computer Science, R. V. College of Engineering**, Bengaluru
Present CGPA(Sem. 7):8.98
- 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