

Internships

- Feb - Jul, 2022 **Software Engineering Intern, Cisco Systems India Pvt. Ltd.**, Bangalore, India
- 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**
- Dec 2021
- 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, Python, C, PHP, CSS, HTML, Rust
DBMS	MySQL, PostgreSQL, MongoDB
Technologies	Docker, AWS, git, k8s
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