

## Internships

- May - Aug, 2021 **Design and Improvement of HSQL: HPCC Structured Query Language**, *Lexis-Nexis Risk Ltd.*, Atlanta, US (Remote).
- Jan - Jul, 2020 (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 separate syntax checking and code generation
  - Adding newer features to the language such as functions and modules
- 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 - Present **Design and Development of a website for IEEE RVCE Student chapter.**
- 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
  - Developed a Web UI to manage a given cluster of nodes
  - Developed a Fuse-based filesystem driver to access and work with files from the filesystem natively.
- Sep - Feb, 2020 **Design and Development of a Web File Browser.**
- Developed a light-weight web file browser for managing files in a remote server, aimed for rapid deployments.

## 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 - Present **B.E. - Computer Science**, *R. V. College of Engineering*, Bengaluru.  
CGPA(Sem. 6):9.08
- 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