

EDUCATION

IIT Roorkee

B.Tech in Electronics and Communication Engineering
Minor Specialization in Computer Science
CGPA - 8.85
Batch of 2020

SKILLS

Languages

• Java • C++ • JavaScript • Ruby
• Python • HTML • CSS • Bash • Go

Technologies

• Git • Linux • Kubernetes • Docker
• Springboot • Gradle • JBoss
• Kafka Streams • React • Redux
• Laravel • Ruby on Rails • Vim

COURSEWORK

Undergraduate

• Computer Networks
• Object Oriented Programming
• Operating Systems
• Database Management Systems
• Data Structures

ACTIVITIES

Google Code-in

Winter - 2019

• As Org Admin, helped high school students complete 180+ open source items at CircuitVerse.org

Microsoft Code.Fun.Do

2018

• Created a presence detection application to automate employee attendance. The team stood among the top three at IIT Roorkee.

Watch Out

Sept 2016 - Sept 2019

• Web Developer at the official campus magazine.

Joint Entrance Examination

2016

• AIR 1061 in JEE Advance and 1119 in JEE Main.

KVPY Scholarship

2015

• Recipient of the prestigious KVPY Scholarship by the Government of India with AIR 811

EXPERIENCE

Cisco | Software Engineer

Aug 2021 - Present | Bangalore, India

- Working on JBoss-based Field Network Director to handle onboarding of proprietary devices on management software.
- With DNA Spaces team, handled processing of location telemetry on Kafka Streams. Engineered unit testing framework and increased coverage to 80%.
- Collaborated with DNA Center team to implement a multi-vendor JAX-RS backend to ease placing orders for 5G capable SIMs.

Intuit | Software Engineer Intern

Summer - 2019 | Bangalore, India

- Collaborated with QuickBooks Online team to develop a Springboot application to detect rule-based data inconsistency points between resources.
- The application was developed in a way to scale across resources and rules.
- The tool significantly reduced debugging effort and turn around time.

Google Summer of Code 2019 | CircuitVerse.org

May 2019 - Sept 2019 | Remote (Link)

- A JavaScript-based platform to simulate digital circuits with a Rails backend.
- Spearheaded the development of a test suite and an adapter based search architecture to support Postgres and Solr backed full-text searches.
- Suggested and worked on several features to increase the overall userbase.

Atlan | DevOps Intern

Winter - 2019 | Delhi, India

- Integrated exporters with K8s monitoring tools - Prometheus and Grafana, using Helm.
- Engineered Bash automation scripts for taking log backups on AWS S3.

Flyhomes | Software Engineer Intern

Summer & Winter - 2018 | Noida (Link)

- A start-up providing real estate solutions in Seattle, USA.
- Wrote integration tests to improve the overall test coverage of API.
- Worked on Ruby on Rails API, React-Redux UI to implement end-user features.

PROJECTS

CodeVillage | SDS Labs, IIT Roorkee

May 2017 - May 2020 (Link)

- An online sports programming platform with its own judge, holds regular competitions with international participation.
- Engineered an admin-panel in Lumen MVC-framework having application of Redis queues, to aid problem and competition management.

Accounts | SDS Labs, IIT Roorkee

May 2019 - May 2020

- OAuth 2.0 application for SDS Labs which supports both client credentials and auth code based flows.

LEADERSHIP

Software Developer | SDS Labs, IIT Roorkee

Jan 2017 - May 2020

- Involved in maintaining and developing applications for campus students as well as open to the internet.
- Regularly conducted hackathons, public lectures, and competitions to foster the technical culture in campus.