

EDUCATION

IIT Roorkee

B.Tech in Electronics and
Communication Engineering

CGPA - 8.91

Final Year

Expected May 2020

SKILLS

Languages

- Shell • JavaScript • PHP • Python • C
- Ruby • C++ • HTML • CSS • Java

Technologies

- Git • React.js • Redux • Laravel
- Ruby on Rails • Express
- Apache • Linux • Vim • GDB
- Springboot • Maven

ACTIVITIES

Microsoft Code.Fun.Do

2018

- Among the top three teams in online code.fun.do qualifier league at IIT Roorkee.

Student Mentorship Program

July 2017 - Present

- Mentored juniors and sophomores for growth in various academic and technical fields.

Watch Out

Sept 2016 - Sept 2019

- Developer for the official campus magazine. Involved in maintaining the regularly updating Watch Out blog.

Joint Entrance Examination

2016

- All Indian Rank - 1061 in JEE Advance.
- All Indian Rank - 1119 in JEE Main.

KVPY Scholarship

2015

- Recipient of the prestigious KVPY Scholarship by the Government of India with All India Rank - 811

COURSEWORK

Undergraduate

- Object Oriented Programming
- Data Structures
- Digital Logic Design
- Computer Architecture
- Computer Networks

EXPERIENCE

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.

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, also integrated backend with a ReactJS based frontend.
- The application was developed in a way to scale across resources and rules and was integrated with Single Sign-On.
- Worked on Splunk dashboards to analyse API logs.

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 backed API to implement new end-user features and optimized Geo-spatial queries, Implemented website re-designs using React.js and Redux.

PROJECTS

CodeVillage | SDS Labs, IIT Roorkee

May 2017 - Present (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.

A.V.A.D.H.I | Microsoft Code.Fun.Do'18

Feb 2018 - Mar 2018 (Link)

- A complete web, mobile and IoT based solution aimed at solving the problem of false attendance at government offices.
- Developed the employee-admin interface and back-end in Laravel to integrate all modules.

Accounts | SDS Labs, IIT Roorkee

May 2019 - Present

- 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 - Present

- 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.

Vice President | IITR Rubik's Cube Society

Jan 2018 - Jan 2019

- Organized Rubik's cube workshops and competitions to foster speed cubing, also participated and won in several events.