

EDUCATION

IIT Roorkee

B.Tech in Electronics and Communication Engineering

CGPA - 8.93

Pre-final Year

Expected May 2020

SKILLS

Languages

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

Technologies

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

ACTIVITIES

Microsoft Code.Fun.Do 2018

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

Watch Out

Sept 2016 - Present

- 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

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 REST 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.

RISC-Processor | IIT Roorkee - Course Project

Feb 2018 - Mar 2018 (Link)

- Modeled a 32-bit RISC processor implementation in Verilog with self developed Instruction Set Architecture and custom opcodes.
- Developed the ALU and contributed in integrating the datapath.

STC Official Website | SDS Labs, IIT Roorkee

Feb 2018 - Present

- Spearheaded the development of the portfolio of Students' Technical Council, the official body comprising of all the technical groups on campus.
- Worked on Jekyll, HTML, JS, and SASS.

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 - Present

- Organized Rubik's cube workshops and competitions to foster speed cubing.
- Regularly participated and won in several inter-college speed solving competitions.