

Subrat Sahu

UNDERGRADUATE STUDENT, IIT ROORKEE · COMPUTER SCIENCE AND ENGINEERING

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"I don't have dreams, I have goals."

Summary

Current Sophomore of BTech in CSE in Indian Institute of Technology(IIT) Roorkee. Having Interest in both theoretical and practical computer science. Doing web development and open source for more then a year now.Loves Vim, Linux and enjoys to customize all of the development environment. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

Education

IIT Roorkee(Indian Institute of Roorkee)

B.TECH IN COMPUTER SCIENCE AND ENGINEERING.

- CGPA: 7.013
- Sophomore, Computer Science and Engineering.

Roorkee, India

July. 2016 - PRESENT

Sagar Public School, Saket Nagar

SENIOR SECONDARY.

- Scored 95 % in AISSE.

Bhopal, India

Aug. 2013 - Apr. 2015

Technical Skills

LANGUAGES.

Javascript, ES6, HTML, CSS, Java, C++,C , Python

UTILITIES

Git, Sublime Text, Atom Text Editor, Linux Shell Utilities, Pycharm, JetBrains Webstorm, Vim, Nano

OPERATING SYSTEMS.

Ubuntu, Windows 10,LUbuntu

FRAMEWORKS

Express JS, React JS, Django, Webpack, Bootstrap, Materialize, Redux

Relevant Courses

- Introduction to Computer Science.
- Object Oriented Programming.
- Data Structures.
- Discrete Structures.
- Object Oriented Analysis and Design.
- Computer Architecture And Microprocessor.
- Operating Systems
- Software Engineering

On-Campus Involvement

INSTITUTE ALUMNI RELATION CELL

2018 **Full Stack Developer**, Worked on Django, React JS, Redux, HTML, CSS and JS.

IIT Roorkee

COGNIZANCE'18 (TECHNICAL FESTIVAL OF IIT ROORKEE)

2018 **Full Stack Developer**, Worked on Node JS(Express JS), React JS, Webpack, Redux, HTML, CSS and JS

IIT Roorkee

Areas of Interest.

- Node JS(Express JS) Development.
- Django Development
- React JS Development.
- Open Source.
- Machine Learning.

Projects

Article.

MICROSOFT CODE FUN DO.

Jan. 2018

- A Chrome Web Extension to record the browsing patterns of the user and showing him tags of his interest and displaying him articles related to the tags.
- Developed Chrome Extension to record user browsing and Integrated the APIs.

Cognizance'18 Webapp

COGNIZANCE

Sep. 2017 - PRESENT

- Cognizance, The TEchnical Fest of IIT Roorkee, One of the largest tech fests in Asia
- Web App on React JS with Backend on Node Js.
- Worked on React JS as well as made APIs on Node JS.

Institute Alumni Relation Cell

IARC

Dec. 2017 - PRESENT

- IARC, On Campus group of IITR.
- Web App on React JS with Backend on Django.
- Worked on React JS as well as made APIs on Django.

Bhawan Complaint Register.

SDS LABS HACKATHON

Jan. 2017

- SDS Labs, Technical group of IIT Roorkee.
- An App on Node JS, HTML, CSS for IIT Roorkee students to log their daily complaints to the Hostel Administration.

Report on Open Source Computing Hardware.

COURSE PROJECT.

Jun. 2017 - Nov. 2017

- Project under Dr. Vaskar Raychudhury(Assistant Professor, CSE Dept)
- Report based on study of Open Source Computing Hardware such as Arduino and Raspberry PI.

Extracurricular Activity

Institute Alumni Relation Cell

IIT ROORKEE

MEMBER, FULL STACK DEVELOPER

Jan, 2018 - PRESENT

- Working on building a strong relationship between Alumni and Students of IIT Roorkee.