Ankit Kataria

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EDUCATION

IIT Roorkee
B.Tech in Electronics and Communication Engineering
CGPA - 8.91
Pre-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 | SDSLabs, 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 | SDSLabs, IIT Roorkee
May 2019 - Present
• OAuth 2.0 application for SDSLabs which supports both client credentials and auth code based flows.

LEADERSHIP

Software Developer | SDSLabs, 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.

Portfolio
ankitkataria.co

LinkedIn
@ankitkataria28

GitHub
@ankitkataria

Twitter
@ankitkataria28