Ankit Kataria

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EDUCATION

IIT Roorkee
B.Tech in Electronics and Communication Engineering
CGPA - 8.98
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 - 2018 | Noida (Link)
- Back-end intern at 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.

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.

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 Arithmetic and Logical Unit and contributed in integrating the datapath.

STC Official Website | SDSLabs, 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 | 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 – Present
- Organized Rubik's cube workshops and competitions to foster speed cubing.
- Regularly participated and won in several inter-college speed solving competitions.

Portfolio
ankitkataria.me

LinkedIn
@ankitkataria28

GitHub
@ankitkataria

Twitter
@ankitkataria28