

Nikhil Kaushik

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CONTACT

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EDUCATION

IIT ROORKEE

BTECH IN COMPUTER SCIENCE
Expected May 2020
Currently in 2nd year
CGPA 9.21

ARMY PUBLIC SCHOOL

Ambala Cantt, Haryana | CBSE
Standard 12 | 98.4%
Standard 10 | CGPA 10

COURSEWORK

COMPLETED

Introduction to Computer Science
Object Oriented Programming
Data Structures
Discrete Structures
Object Oriented Analysis And Design
Computer Architecture

SKILLS

LANGUAGES

C • C++ • HTML • CSS
Javascript • Java • Python
Coffeescript • PHP • Bash

TECHNOLOGIES

Node.js • Linux • Django
React.js • Jekyll • Android
• Express • Meteor • vim

PROJECTS

QUIZIO | SDSLABS

Online test conducting platform

- Developed Quizio in a team of 2, a platform for SDSLabs to conduct its recruitment test online to reduce workload and inconsistencies in manual checking. We plan to make it an open platform for all types of tests soon.
- Quizio has a node.js backend using express, with ejs layouts.

SYNCHRON | MICROSOFT CODE.FUN.DO ONLINE QUALIFIER 2018

Selected in top 3 teams for onsite round

- A multiplayer karaoke application in virtual reality developed from scratch in a team of 3 in a week's time(App live at <https://synchron.ml>).
- Developed node.js backend using express, frontend in vanilla css and js.
- Used peerjs(webrtc library) and socket.io to handle peer-to-peer and client-server connections respectively.

CHESS WARS | SDSLABS

Online multiplayer chess app in node.js(express) and ejs

- Added timer functionality to online games and resign feature.
- Worked on chat feature between competing players using socket.io.
- Added feature to reconnect user to game in case he/she gets disconnected.

BOT | SDSLABS

Slack bot for SDSLabs organization

- Wrote some custom scripts for the slack bot in coffeescript.

HOSPITAL OPD | DR. PARTHA PRATIM ROY

- Performed object oriented analysis and design of a hospital OPD system under the guidance of Prof. Partha Pratim Roy.
- Analysed the system in UML using class, sequence, state and use-case diagrams made in Microsoft Visio.

HACKER SCRAPER | PERSONAL PROJECT

- Wrote a python script to browse HackerNews articles from terminal.
- Scraped HN website using beautiful soup.
- Added features to view article titles and open articles in browser from terminal.

POSITIONS OF RESPONSIBILITY

- Developer at SDSLabs, a group of students that aim to foster technical activities in IIT Roorkee
- Programmer at PAG(Programming & Algorithms Group), IIT Roorkee
- English editor at Kshitij, literary magazine, IIT Roorkee
- Coordinator at Thomso 2017, cultural festival, IIT Roorkee

ACHIEVEMENTS

2018	Winner	Microsoft code.fun.do Online Qualifier 2018
2016	AIR 432	JEE Advanced
2016	AIR 15	JEE Mains
2015-16	AIR 88	KVPY(Kishore Vaigyanik Protsahan Yojna)
2015-16	National top 1%	NSEP(Physics Olympiad)
2015-16	National top 1%	NSEC(Chemistry Olympiad)