

Nikhil Kaushik

CSE Sophomore, IIT Roorkee
nikhil.celtics@gmail.com

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

LINKS

Github:// [c0dzilla](#)

LinkedIn:// [Nikhil Kaushik](#)

Codechef:// [nikhilkaushik](#)

Quora:// [Nikhil Kaushik](#)

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 • Toro

• Express • Meteor • vim

PROJECTS

SYNCHRON | MICROSOFT CODE.FUN.DO ONLINE QUALIFIER 2018

Selected in top 3 teams for onsite round

- A multiplayer karaoke application in virtual reality.
- Our team of 3 developed the application from scratch in a week's time.
- 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.
- Refactored front-end in chess arena.
- Worked on chat feature between competing players using socket.io.

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.

BOT | SDSLABS

Slack bot for SDS Labs organization

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

DINO FRAME | PERSONAL PROJECT

- Wrote a javascript framework to build your own endless running game(like google's offline mode dino game).
- The framework allows users to create a dino game with avatar, obstacles, speed, acceleration, etc of their choice with simple object declarations.

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 SDS Labs, 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)