

Nishanth R

DEVELOPER

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About Me

I'm a software developer from SDS Labs, IIT Roorkee with a deep love for Quantum Computing and Computer Science. I've been fascinated with Computer Science ever since I got my hands on a computer when I was in kindergarten and I've been exploring the various aspects of it for quite some time now.

Education

Indian Institute of Technology, Roorkee

B.TECH IN POLYMER SCIENCE AND ENGINEERING

Roorkee, India

July 2019 - Present

• Courses Taken:

1. Computer Programming and Numerical Analysis
2. Computer Architecture and Organization

Bishop Cotton Boys' School, Bangalore

HIGHER EDUCATION

Bangalore, India

June 2006 - March 2018

Work Experience

Software Development Engineer

UniAcco

- Helped set up the initial back-end of website for UniCreds website
- Collaborated with the Product and Design teams to implement and fix features based on their requests

Projects

Rootex

SDSLABS

- A 3D multi threaded game engine written in C++
- Fixed issues related to the component hierarchy system
- Worked on minor additions to the GUI

Cerebro

SDSLABS

- An online competitive platform that hosts machine learning competitions for students of IIT Roorkee
- Built using PHP, Laravel with a frontend SPA client written in ReactJS and Redux
- Implemented an admin panel to monitor and manage competitions and posts on the platform

zap-db

SDSLABS

- An easy to use JSON database written with ease of setup and memory management of slack bots in mind
- Written in Typescript and ExpressJS
- Worked on the backend and implemented basic controllers

JEE Preparation Tracker

PERSONAL PROJECT

- A simple tool to help young aspirants to track their progress and predict future scores using Linear Regression
- Written with HTML, CSS, Javascript with a PHP backend
- Developed for Syntax Error - Hackathon conducted by sds labs

Skills

Programming Languages | Frameworks | Tech Stacks

C++ · Java (Core) · Javascript · NodeJS · Typescript · ReactJS · ExpressJS · Laravel · PHP · Python · Qiskit · Django · Linux Terminal · Git/Bash · Github

Honors & Achievements

2017 **Senior Prefect**, Bishop Cotton Boys' School, Bangalore

2017 **Event Head**, Quad Damage:Gaming Event at Synchronize, Bangalore's biggest Science and IT Fest

Extracurricular Activity

SDSLabs

IIT Roorkee, India

CORE MEMBER

Jan 2020 - Present

- A student run technical group that encourages and promotes the development of technology and innovation throughout the campus
- Worked on multiple open source production ready projects
- Conducted workshops and lectures on various concepts within the campus

WatchOut!

IIT Roorkee, India

EDITOR

Oct. 2019 - Present

- Official media and journalistic body of IIT Roorkee
- Wrote articles on issues pertaining to the campus and on multiple insightful topics

The Debate Society

IIT Roorkee, India

CORE MEMBER

Oct. 2019 - Present

- Conducted workshops and tournaments
- Took part in multiple inter-varsity tournaments

NSS, IIT Roorkee

IIT Roorkee, India

STUDENT VOLUNTEER

Oct. 2019 - Present

- Volunteered at the Primary Education Cell