

Nishant Mittal

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY, VARANASI

IDD (B.TECH + M.TECH) IN COMPUTER SCIENCE & ENGINEERING
July 2018 - May 2023
CGPA: 8.79

LINKS

Github:// [nishantwrp](#)
Linkedin:// [nishantwrp](#)
Portfolio:// [nishantwrp.com](#)

SKILLS

PROGRAMMING

Experienced:
TypeScript • Python • C++
Familiar:
Java • Ruby • SQL • Bash

TECHNICAL STACK

Experienced:
Django • Node.js • REST APIs • Vue.js • Angular • React • Web Sockets • GraphQL • Express.js • Git
Familiar:
Electron.js • Spring • Blockchain • Docker

AWARDS

MICROSOFT CODEFUNDO++

Secured **1st** and **3rd** position in Microsoft Codefundo++ 2k19 and 2k18 respectively.

COMPETITIVE PROGRAMMING

An **Expert (Max Rating - 1877)** level programmer in Codeforces.

Secured **3rd** position in **India** in Newton School Coding Challenge 2020.

JEE

Bagged an All India Rank of **939** in JEE Advanced 2018 amongst **0.2** million aspirants.

SOCIETIES

COPS, IIT BHU

Secretary
Responsible for all programming related activities in the institute.

EXPERIENCE

QUICKWORK | SOFTWARE ENGINEER INTERN

Nov 2020 - Dec 2020

- Integrated various applications like Firebase, Cloudinary, Proofhub, etc. with Quickwork's no-code automation platform by consuming their **REST APIs** using **Node.js** in a maintainable and efficient manner such that the end-users can build their workflows combining these applications along with hundreds of other applications available on Quickwork's platform.

OPPIA | GOOGLE SUMMER OF CODE'20

May 2020 - Aug 2020

- Improved the developer workflow by making the **build process** faster and efficient, making the codebase completely **typed**, introducing several other conventions along with adding **CI** and **pre-push hook** checks to detect any violation of the same. Followed **TDD** by writing **unit tests** and covering **100%** of the code written by me both in **TypeScript** and **Python**.

PROJECTS

GSOC ORGANIZATIONS | WEB SCRAPING, GATSBY, REACT

<https://www.gsocorganizations.dev/>

- Wrote a **web scraper** in Python that retrieves all the data about the organizations from the official GSoC Archive and exposed the data as a public API powered by **Redoc**.
- Created the frontend as a **PWA** using a **JAMStack** framework for **React** called **Gatsby**. Wrote **GraphQL** queries to fetch data required for each page in the site.
- On an average, accessed by **350+** unique users per **week**.

SUBLIME BACKUP CLI | DJANGO REST FRAMEWORK

<https://pypi.org/project/sublime-backup/>

- Developed a **CLI** written in **Python** that can be used to backup sublime text snippets. Created a **RESTful API** backend powered by **Django Rest Framework** and **Swagger** API testing and documentation tools following **OpenAPI** specifications. Integrated the backend with **Dropbox API** for storing the snippets.
- This CLI currently has **2000+** downloads.

LETS VOTE | DJANGO, AZURE BLOCKCHAIN SERVICES

<https://github.com/nishantwrp/Codefundo-2k19>

- Developed a web application powered by **Django** for managing the election process securely using blockchain. Wrote a **smart contract** for the same in **Solidity** and deployed it to **Azure** blockchain services.

INSTITUTE MANAGEMENT SYSTEM | SPRING, JAVA

<https://github.com/nishantwrp/institute-management>

- Created a Institute Management System web application using **Spring MVC Architecture**.

OPEN SOURCE

<https://github.com/nishantwrp>

- I am an open source enthusiast and have about **100 PRs** merged in many large open source projects like **Zulip**, **Forem**, **Oppia**, **Creative Commons**, **Joplin**, etc working across various tech stack like **Ruby on Rails**, **PHP**, **Django**, etc.