

Nishant Mittal

<https://www.nishantwrp.com>
admin@nishantwrp.com | +91-9417907862

EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY, VARANASI

IDD (B.TECH + M.TECH) IN COMPUTER SCIENCE & ENGINEERING
July 2018 - May 2023
CGPA: 8.74

LINKS

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

SKILLS

PROGRAMMING

Experienced:

TypeScript/JavaScript • Python • C • C++
• HTML/CSS

Familiar:

SQL • Bash • Solidity • \LaTeX

TECHNICAL STACK

Experienced:

Django • Git • Vue.js • Angular • REST APIs • Node.js • Web Sockets • Webpack
• Gridsome • GraphQL • Express.js

Familiar:

Flask • Electron.js • AWS • Blockchain • Scrapy • Docker • Kubernetes

AWARDS

MICROSOFT CODEFUNDO++

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

HACKOUT

Secured **3rd** position in Hackout - a 36hr coding hackathon organized by Headout.

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

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**.

OPPIA | OPEN SOURCE CONTRIBUTOR

Dec 2019 - Present

- Contributing to the Oppia project which is powered by **Angular** and **Google App Engine** by adding new features, fixing bugs, reviewing pull requests and improving the developer workflow.

PROJECTS

LETS VOTE | DJANGO, AZURE BLOCKCHAIN SERVICES

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

- Wrote a **blockchain smart contract** for a election system in **Solidity** and deployed it on **Azure** Blockchain Services which was exposed as a RESTful API.
- Developed a web application powered by **Django** for managing the election process securely by consuming the blockchain API. Containerized the application using **Docker** and deployed this application to **Azure**.

PERSONAL BLOG | GRIDSOME, HEADLESS CMS, VUE.JS

<https://github.com/nishantwrp/nishantwrp-website>

- Designed my portfolio cum blogging site which is a **PWA** using a **JAMstack** framework for Vue.Js called **Gridsome**.
- Used **Contentful** as a **CMS** to manage the posts and other content on the site.
- Wrote **GraphQL** queries to fetch data required for each page in the site.
- Developed and published a Vue.Js **wrapper** for a github based **commenting system** (Gitalk) while developing this site which was featured on **MadeWithVueJs**.

BLOGIT | DJANGO, CHANNELS, WEB SOCKETS

<https://github.com/nishantwrp/BlogIt>

- Developed a Django powered blogging platform with every blog acting as a real time chat room powered by **Web Sockets**.

GSOC ORGANIZATIONS | JEKYL, SCRAPY

<https://www.nishantwrp.com/posts/gsoc-organizations/>

- Wrote a scraper using **Scrapy** that retrieves the info about all the organizations in the official GSoC archive.
- Created a static site powered by **Jekyll** to display the scraped data.

LET'S MEET | DJANGO REST FRAMEWORK, EXPRESS.JS

<https://github.com/nishantwrp/lets-meet>

- Developed a **slack bot** written in **Node.Js** that works using **webhooks**, **RESTful API** backend powered by **Django Rest Framework** and **Swagger** API testing and documentation tools and a **web portal** also powered by **Django** which can help slack teams in scheduling, organizing their meetings and managing action items for the members with every meeting.