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**
Portfolio:// **nishantwrp.com**

SKILLS

PROGRAMMING
Experienced:
TypeScript/JavaScript • Python • C • C++ • HTML/CSS
Familiar:
SQL • Java • Bash • Solidity • LaTeX

TECHNICAL STACK
Experienced:
Django • Git • Vue.js • Angular • REST APIs • Node.js • Web Sockets • Webpack • Gridsome • GraphQl • Express.js
Familiar:
React • Electron.js • AWS • Blockchain • Docker

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

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.
- Created a **PWA** using a **JAMStack** framework for **React** called **Gatsby** which uses the scraped data so that it can be used to view and analyse the info about the participation of open-source organizations in Google Summer of Code.
- Wrote **GraphQl** queries to fetch data required for each page in the site.
- Exposed the scraped data through a public API powered by **Redoc**.
- 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 your 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
- 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**.

INSTITUTE MANAGEMENT SYSTEM | Spring, Java
https://github.com/nishantwrp/institute-management
- Created a Institute Management System web application using **Spring MVC Architecture**.