

NISHANT MITTAL

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EDUCATION

Indian Institute of Technology (BHU), Varanasi

B.Tech + M.Tech Computer Science *GPA: 8.65*

2018 - 2023

EXPERIENCE

Gojek

Software Engineering Intern

June 2021 - July 2021

- Worked on writing backdoor APIs, internal scripts, generating Swagger documentation for the Customer Owner micro-service powered by Ruby on Rails.
- Followed test-driven development and wrote unit tests for all the code written by me. Discussed the implementation with the team by creating RFC/ADR docs.
- Exposure: Ruby, Rails, Rspec, Sidekiq, Redis, Kafka, Swagger, Open API, Microservice architecture.

Google Summer of Code | Joplin

Student Developer

June 2021 - Aug 2021

- Re-engineered the templates feature in the Joplin desktop application which is powered by Electron and React as a separate plugin to make the feature more robust and maintainable.
- Ensured that the existing users of the templates feature have a smooth one-click transition to the new plugin developed after updating to a release that no longer contains the in-built feature.
- Exposure: React, Electron.js, TypeScript.

Quickwork

Software Engineering 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.
- Exposure: REST APIs, Node.js.

Google Summer of Code | Oppia

Student Developer

June 2020 - Aug 2020

- Improved the developer workflow by making the build process faster and efficient by 50%, 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.
- Documented the new Webpack and TypeScript configurations and practices followed to make it easier for the future developers working on the codebase.
- Exposure: Python, TypeScript, Webpack, Karma, Angular, CI/CD.

PROJECTS

GSoC Organizations *React, Web Scraping, OpenAPI*

<https://www.gsocorganizations.dev>

A site for viewing and analyzing the info of the organizations participating in Google Summer of Code. (Has 50+ stars on GitHub.)

AWARDS

Competitive Programming

Candidate Master level programmer (1916) on Codeforces and 5 star (2010) on Codechef with excellent proficiency in C++.

Microsoft Codefundo++ 2k19

Developed a blockchain-based solution for election systems and secured 1st Position in Microsoft Codefundo++ 2k19 and represented the institute in the national finals.

Microsoft Codefundo++ 2k18

Secured 3rd Position in Microsoft Codefundo++ 2k18 in my freshman year.