Divyanshu Singh

B.Tech – Mineral Engineering - IIT (ISM) Dhanbad

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EXPERIENCES

Tally Solutions -Software Development Intern
(Oct 2022 - Present)

- Implemented various APIs for sending **Scheduled** as well as **Customized notification** based on **user activity .**
- Developed an **analytics** page for the **business** team.
- **Tech Stack** - ReactJS, NodeJS, Firebase, Node-Schedule, Node-cron

Google Summer Of Code (GSoC) 2022
(Summer 2022)

- Enhancing User Experience and User Flow.
- Implemented features such as **security header checker**, and **SSL certificate validator**, enhanced the current implementation of request handling, integrated **fact-checkers**, automated CI/CD tests, deployment and improved UI.
- **Tech Stacks** - Python, Javascript, Flask, DynamoDB

|GSoC Proposal | Gitlab | Gitlab-API|

Devdoot-NGO, Lucknow -Software Development Intern
(Summer 2021)

- Worked on development of a WebApp for easing **request handling** and raising.
- Features developed include a web portal for request raising, **auto-posting** on Facebook / Twitter handles,auto **assigning** of volunteers, mobile OTP verification, writing success stories/ blogs, Update / Archive request status.
- **Tech Stack** : Flask , Firebase, Javascript, HTML, CSS, 2factor, SMTP, Facebook/Twitter Developer console

Department of Fuel, Mineral and Metallurgical Engineering, IIT Dhanbad - Research Intern
(July 2021- Oct 2021)

- Researched an approach for efficient manufacturing using **High Velocity Oxy Fuel Thermal Spray.**
- Responsible for following established guidelines and gathering relevant data for projects through literature.

PROJECTS

Since 2019, I have been a forerunner of **open source** software. My GitHub profile hosts the majority of my work.

AUTOVSB

- A script based on **browser automation** that continuously scraps COVID-19 vaccine slot data, **alerts** you and **books** it for you when it's available using browser automation.
- **Tech Stacks** - Puppeteer, Javascript

Quizzer

- A Web app with features such as **Create Quiz**, **Quiz History**, **Quizzing Window**, **Scorecard**, **Statistics** etc.
- **Tech Stacks** - ReactJS, NodeJS, Firebase

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — *(B.Tech) Mineral and Metallurgical Engineering*
JULY 2019 - MAY 2023

P.B. Inter College , Pratapgarh
12th - APRIL 2017 - APRIL 2018

A.T.L School , Pratapgarh
10th - APRIL 2015 - APRIL 2016

SKILLS

- **Languages** : Python, Javascript, C/C++
- **Web/AppDevelopment** : Flask, HTML, CSS, Bootstrap, ReactJS
- **Platform** : Visual Studio Code
- **Databases** : Firebase
- **Other** : Data Structure & Algorithms

ACHIEVEMENTS

- **Winner** of **Tally CodeBrewers 2022** in the Commander of Full Stack track
- Achieved **6th Position** in **Fall Fest, 2020** organized by ACM Student Chapter, IIT(ISM) Dhanbad.

Competitive Programming

Platform	Problem Solved
Leetcode	200+
Hackerrank	250+
Codeforces	250+
GeeksforGeeks	300+

Club Positions

- **Member of DSC, IIT ISM,** Official Data Science Club of IIT ISM Dhanbad.
- **Member of CIIE**, Centre for Innovation, Incubation and Entrepreneurship, IIT (ISM) Dhanbad.

OPEN-SOURCE CONTRIBUTIONS

- Made 5 PRs during **Girlscript Summer of Code 2021**.
- A Total of **500+** open source contributions on Github and Gitlab.