

Sumit Dhiman

Student, Programmer, Video Editor, Linux Enthusiast

✉ 20bce091@nith.ac.in ☎ +91-9015095573 🌐 sumitdhiman.live 🐙 GitHub in LinkedIn

EXPERIENCE

Indian Society for Technical Education | Coordinator | [Website](#) Dec 2020-Present

- Conducted many events and webinars as a part of NITH's technical society with over 100+ students.
- Hosted a workshop on Linux/Git and Github for over 150+ students.
- Conducted events like Naqsh-e-Qadam, YellowHatsSnap.
- Deployed and Contributed in the production of many websites which include Backend and Frontend.

C-Helix | Coordinator | [Website](#) Jan 2021-Present

- Being part of team I handled many technical works like website creation.
- Conducted many events with over 100+ students.
- Made a Pipe Leakage detection system which helps us to find faults in water pipe.

PROJECTS

Pipe Leakage Detection System | Blender, Ardiuno, AutoCAD

- Worked on the MIT research article on leakage detection system.
- Built a comprehensive model of the robot and its components and displayed it online with animations.
- Picked as the project with the highest unpredictability out of 30+ projects.

REST API - Crud App | Go Lang, Gin, Git, Gorm, SQLite

- Includes the Login, User Registration, Get All Users, Authenticated Users, User by ID, etc.
- Generates Restful API for login-signup and Authentication validation using JWT.
- Made in Go Lang to increase the Speed and reduce the resource usage of backend.

Abhedya - The Cryptic Hunt | Python, Django, Docker, SQL, Celery, Shell Scripting

- Includes features like Login-Signup, Password reset, Email verification, Dashboard, leaderboard, Hunt riddles page.
- Frontend made in Jinja templates using Django's builtin features.
- Over 500+ registered using this website and 300+ people were playing at a time.

ArchFire- The Archlinux Based Distro | Python, Cmake, C++, Linux, Shell Scripting

- Archlinux based distro with preconfigures DE/WMs.
- Packaged with calamares installer to make installation easy and hassel-free.
- With more than 22 downloads spanning countries like Germany, Sweden, India, etc.

Extra Curricular | Position of Responsibility

- Coordinator, Indian Society for Technical Education, NIT Hamirpur.
- Technical Head, HultPrize NIT Hamirpur.
- Coordinator, Pahal which is an initiative of ISTE NITH to help fresher in their admission procedure.
- Executive Member, C-Helix (Dept. team of Civil Engineering)
- Participated in IITBHU Techfest i.e. TechNex

SKILLS

Frameworks/Technologies

- C/C++, Rust, Python, Go Lang, SQL, HTML, CSS, JavaScript
- Docker, Yaml, Lua, Shell Scripting, Ansible
- Django, Gorm, Gin, Echo, Flask, REST API
- Kubernetes, Postgressql, , Shell Scripting, Ansible
- Git, Github, Github Actions, Celery

Softwares

- AutoCAD, StaadPro(Basics), Microsoft office 365
- MATLAB(Basics), Photoshop, Aftereffects

Tools/Others

- Scripting(Bash, Python, Go Lang), CI/CD, Linux/Unix, Windows
- \LaTeX , Vim, Postman, Word, PowerPoint, Excel, Pandoc

Subjects

- Structure Analysis, Environmental Engineering, Transportation(Highway Railway) Engineering.

EDUCATION

National Institute of Technology, Hamirpur | B.Tech in Civil Engineering 2020-Present

CGPA till 5th semester - 7.57

Govt. Sr. Sec. School JolSapper | Intermediate April 2019-March 2020

Grade - 88.45%