Vishesh Agrawal

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EDUCATION

NIRMA UNIVERSITY
B.Tech in Information Technology
2017–2021 | Ahmedabad, IN
Grade | 7.2

ST ANTHONY'S SCHOOL
High School
Grad. May 2016 | Udaipur, IN

LINKS

GitHub/awalvie
LinkedIn/vishesh-agrawal

INTERESTS

System Architecture
Free/Libre Software
DevOps
Unix

HOBBIES

Philosophy
Literature
Linguistics
Self-Reliance

SKILLS

COMFORTABLE WITH
Python • C

TECHONOLOGIES
Django • Flask
Ansible • Prometheus
AWS EC2 •

FAMILAR TECH
Make • CMake • Redis
Websockts • WebRTC • PSQL
Docker

FAMILIAR LANGUAGES
Rust • JavaScript• HTML/CSS
C++ • Bash • Golang

EXPERIENCE

MAJOR LEAGUE HACKING Student Fellow
Remote
- Contributed to Kiwi TCMS to increase code coverage in Django
- Currently adding integration for Apache Kafka in BentoML

MAKERA Backend Developer
May 2020 – October 2020 | Remote

- Provision API routes with a backend written in Flask.
- Created tables and their internal relations. Wrote queries for communication between frontend and backend servers in PostgreSQL.
- Deployed production server for both the frontend and backend with NGINX.

INVENTUM PVT. LTD Engineering Intern
May 2019 – June 2019 | Noida, IN
- Built, compiled and configured an LFS (Linux From Scratch) distribution.

PROJECTS

ANZIBL EC2 Automation
AWS EC2, Ansible, Prometheus
Ansible project for EC2 instance creation, provisioning relevant software, deploying a webserver and monitoring the webserver with prometheus.

MLH TOWNSHIP Web Application
NodeJS, Websockts, WebRTC
MLH Township harnesses the power of websockets and webRTC to provide the fellows a playgournd where they can comuunicate and hang out with each other in the game-like setting of MLH Town.

COVIDAID Mobile Application
Python
A Hackathon Project made during our first week at MLH. I was resposbile for provisioning the backend, written in Flask, writing the core APIs, documenting the APIs and deploying it using NGINX.

TENGI Shell
ANSI C
A minimal shell written in C. The goal with the project was to learn how a UNIX shell works and communicates with process and system calls.

LYCEUM Static Site Generator
ANSI C
A Static Site Generator, written with the primary goal of being simple and protable. The project uses no external libraries and build natively on any platform. It renders Text files with metadata about the file on top into plain HTML.

SERSIM HTTP Server
ANSI C
HTTP Server written in C to locally serve lyceum.