

# Vishesh Agrawal

awalvie.me | agrawal.vishesh.178@gmail.com

## EDUCATION

NIRMA UNIVERSITY  
B.Tech in Information Technology  
2016-2021 | 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

PROGRAMMING  
Python • C • C++ • Bash

FRAMEWORKS  
OpenGL • Flask

TECHNOLOGIES  
Make • CMake • Markdown  
Git

FAMILIAR  
Rust • JavaScript • HTML/CSS  
Django • Redis

## EXPERIENCE

MAKERA Backend Developer  
May 2020 – Present | 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 | Chennai, IN

- Built, compiled and configured an LFS (Linux From Scratch) distribution for a router.

CRIO.DO Teaching Assistant  
Jan 2020 – Present | Remote

- Assist students during Crio Workshops and Tryouts.
- Bug test and give opinion on new features for workshops and modules.

## PROJECTS

TENGI Shell  
ANCI 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. The project is written to be cross-platform and has no dependencies except needing a C Compiler.

LYCEUM Static Site Generator  
ANCI C  
Static Site Generator for my website that uses only plain text files.

VOXEL Game Engine  
C++, OpenGL  
A Game Engine written in C++ with Voxels as it's smallest unit instead of pixels.

LIBRELOG Book Cataloguing System  
Python, Django  
Built as part of a college project to learn Django.