Ajay Tripathi

Web Developer | Software Engineer
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EXPERIENCE

FOSSEE Fellowship, IIT Bombay — *Web Developer*

May 2018 – July 2018

Site optimization: About 60% less data requirement for users during download.
Web Development: Using Django, added the features to edit / show user testimonials on the main site of spoken-tutorial project.

OpenWISP — Open-Source *Contributor*

August 2018 – Present

Open-source Network Management suite for large networks.
Learned to write easily maintainable code & to coordinate with developers from different places on the globe.

PROJECTS
(More projects available on Github)

Lookbook — Modern *Frontend Workflow*

January 2019 –February 2019
Using modern front end development tools like static jinja, created a reusable profile information website the is highly optimised and follows latest recommendations and guidelines.

Synapse — *DevOps*

January 2018 – March 2018
Made script for automation of installation of matrix-synapse. It serves as basis for installation of matrix for multiple organizations and individuals

Detect Fake News — *Application Development | System Administration*

September 2017 – January 2018
Scraped articles from 10+ news websites 24/7 on a Linux server and stored the data in a database server. We collected about 12 million records and used Machine Learning to classify and categorize the news.

ALiAS Website — Progressive Web Application

August 2017 – October 2017
Made a progressive Web App for Amity Linux User Group (ALiAS).
Ensuring the fastest possible delivery, offline availability, aesthetically pleasing and push notifications for the website.

Photography Club Website — Frontend Development

May 2017 – June 2017
Web Designing & development for Exposure (Photography Club of Amity).
A beautiful website with various tweens using KUTE.js and various CSS and JavaScript libraries.

SKILLS

Web Technologies: HTML, CSS, SASS, Javascript, node.js, Django, Flask, Progressive Web Applications
Programming Languages: Python, C, C++, Shell
System Administration: Git, Linux Systems, Ansible, Vagrant, Docker
Others: Machine Learning, Web Scraping, SQL

VOLUNTEER

Google Code-In 2018 — Mentor

765 code reviews in 3 months - Organization ranked #1 by number of tasks completed. 950+ students participated and benefitted from the combined effort of 9 mentors.

EDUCATION

Cisco Certified Network Associate Course — *Routing and Switching*
AUGUST 2018 — MAY 2020 (Expected)

Amity School of Engineering and Technology, Noida — *Bachelors Of Computer Science & Engineering*
AUGUST 2016 — MAY 2020 (Expected)
Specialization: Networking

- Helped in establishing a Linux User Group (ALiAS).
- Gained experience in public speaking by taking talks.
- Mentor & Guide to students into getting started with programming.
- Played key roles in event management for various events for the Community.

Ryan International School, Noida — *High School / Secondary Certificate, Science*
APRIL 2014 — APRIL 2016

Roller Skating City level | Football Team | Volunteer HelpAge India (Social Service)

LANGUAGES

English, Hindi (Only Speaking)
French (Basic)