# Ajay Tripathi

Web Developer | Software Engineer
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## EXPERIENCE

### FOSSEE Fellowship, IIT Bombay — *Web Developer*

May 2018 – July 2018

Data / 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 ( spoken-tutorial.org ).

### OpenWISP — Open-Source *Contributor*

August 2018 – Present

Using Python / Django, OpenWRT, Ansible and actively taking part to further the development of open-source tools for network management.

## PROJECTS
(More projects available on Github)

### Community-Connect — *Backend Web Application*
March 2018 – May 2018
Customizable **Django** application for communities and clubs to send update mails to their users and members and displaying mailing list history.

### Matrix ansible — *DevOps | System Administration*
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

### News scrape spider — *Application Development*
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 Engineer 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 as a speaker, mentor & helped in organizing events and workshop.

**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)