

# Ajay Tripathi

Web Developer | System Engineer | Network Engineer  
Last updated: 28 December 2018

## 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 | 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.

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Github: [github.com/atb00ker](https://github.com/atb00ker)

Linkedin: [linkedin.com/in/atb00ker](https://linkedin.com/in/atb00ker)

Portfolio: [atb00ker.github.io](https://atb00ker.github.io)

## SKILLS

**Web Technologies:** HTML, CSS, SASS, Javascript, node.js, Django, Flask, Progressive Web Applications

**Programming Languages:** Python, C, C++

**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)