

# Ajay Tripathi

Software Developer

Last updated: 2 January 2020

## EXPERIENCE

### Full Stack Developer | Open-source Contributor — **OpenWISP**

September 2018 – Present

**Tech:** JavaScript, Django, Python, Shell, Ansible

**Reference:** Federico Caprano ([federico.caprano@gmail.com](mailto:federico.caprano@gmail.com))

- Made improvements to various Django modules in the release cycles and learned to write maintainable django code from experienced developers.
- Worked on Ansible to ensure reliable support of OpenWISP on many platforms.
- Worked remotely with developers around the globe with minimal guidance.

### DevOps Engineer— **Google Summer of Code, OpenWISP**

6 May 2019 – 27 August 2019

**Tech:** Shell, Docker, Kubernetes, Cloud, Terraform, Python, Django

**Reference:** Andrew Stanley ([2stacks@2stacks.net](mailto:2stacks@2stacks.net))

- Reduced setup time by at least 3/4th by auto-setup scripts of commonly required features.
- Significantly reduced OpenWISP installation complexity by providing customizable docker images.
- Efficiently deployed kubernetes clusters on AWS, GCE and OpenWISP rancher instance.

### Full Stack Developer — **IIT Bombay**

May 2018 – July 2018

**Tech:** JavaScript, Django, Python, Shell

**Reference:** Saurabh Adhikary ([adhikarysaurabh@gmail.com](mailto:adhikarysaurabh@gmail.com))

- Site optimization: About 60% less data requirement for users for downloading by enabling smart delivery of content.
- Web Development: Django website site improvements and feature additions to improve user experience.

## CERTIFICATIONS

### Google Cloud Platform (Architecting with Google Compute Engine Specialization):

- Essential Cloud Infrastructure: Foundation — *Coursera*
- Fundamentals: Core Infrastructure — *Coursera*
- Essential Cloud Infrastructure: Core Services — *Coursera*
- Elastic Cloud Infrastructure: Scaling and Automation — *Coursera*
- Reliable Cloud Infrastructure: Design and Process — *Coursera*

### Cisco Certified Entry Networking Technician (CCENT), Routing and Switching:

- Routing and Switching Essentials — *Cisco Networking Academy*
- Introduction to Networks — *Cisco Networking Academy*

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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)

**Blog:** [medium.com/@atb00ker](https://medium.com/@atb00ker)

## SKILLS

**Web Technologies:** HTML, CSS,

SASS, Javascript, Django, PWAs

**Programming Languages:**

Python, C, C++, Shell

**System Administration:** Linux

Systems, Ansible, Docker,

Terraform, Kubernetes

**Others:** Git, Google Cloud, Web

Scraping, SQL

## VOLUNTEER

**OpenWISP** — Open-Source Contributor

- Learned writing maintainable code from experienced developers.
- Worked remotely with developers around the globe with minimal guidance.

**Google Code-In 2018 & 2019,**

**OpenWISP** — Mentor

- Open-source project mentor.
- Invited to Google HQ in California for my work as a mentor.

## EDUCATION

**Amity University, Noida** —

*Bachelors Of Computer Science & Engineering*

AUGUST 2016 — MAY 2020 (Expected)

**Specialization:** Networking

- Co-founded college Linux User Group (ALiAS).
- Gained experience in public speaking by giving technical talks.
- Developed community spirit and mentored many students.
- Key roles in event management for various events with hundreds of attendees.

**Ryan International School, Noida**

— *Secondary School*

APRIL 2014 — APRIL 2016

**Specialization:** Science

- HelpAge India Volunteer
- Roller Skating City level