

Ajay Tripathi

Software Developer

Last updated: 7 October 2019

EXPERIENCE

Google Summer of Code, OpenWISP — DevOps

6 May 2019 – 27 August 2019

Tech: Shell, Docker, Kubernetes, AWS, GCE, Terraform, Python, Django

- 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.

IIT Bombay, FOSSEE Fellowship — Full Stack Developer

May 2018 – July 2018

Tech: JavaScript, Django, Python, Shell

- 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.
- Scripts to convert 1000s to videos in spoken library using ffmpeg & shell to optimize server space utilization without downtime.

VOLUNTEER

Google Code-In 2018, OpenWISP — Mentor

- Open-source project mentor for new contributors. Reviewed tasks, helped students in learning about development environment and tools.
- Invited to Google HQ in California for my work as a mentor.

OpenWISP — Open-Source Contributor

- Core development team member of OpenWISP Network Management suite for large networks.
- Learned to write easily maintainable code from experienced developers.
- Worked remotely with developers around the globe with minimal guidance.

PERSONAL PROJECTS

(Many more projects on mentioned skills available on Github)

Lookbook — Modern Frontend Workflow: Uses modern frontend technologies to create a reusable website that is highly optimised for best performance and follows latest recommendations & best practices in frontend development.

Detect Fake News — Application Development/SysAd: Efficiently scrapped news articles from various sources to Amazon EC2 instance. Used Machine Learning to classify the news collected and tested various techniques for getting the best results.

Mail: ajay39in@gmail.com

Twitter: twitter.com/atb00ker

GitHub: github.com/atb00ker

Linkedin: linkedin.com/in/atb00ker

Portfolio: atb00ker.github.io

Blog: 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, Web Scraping, SQL

EDUCATION

Cisco Certified Network Associate

Course — Routing and Switching

AUGUST 2018 — MAY 2020 (Expected)

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 in technical skills.

→ Key roles in event management for various events attended by hundreds of community members.

Ryan International School, Noida

— Secondary School

APRIL 2014 — APRIL 2016

Specialization: Science

→ Inter school Football Player

→ Roller Skating City level

→ HelpAge India Volunteer