

Ajay Tripathi

Software Developer

Last updated: 28 December 2019

EXPERIENCE

Google Summer of Code, OpenWISP — DevOps

6 May 2019 – 27 August 2019

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

Reference: Andrew Stanley (2stacks@2stacks.net), Federico Capovano (federico.capovano@gmail.com)

- 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

Reference: Kirti Ambre (kirti@cse.iitb.ac.in), Saurabh Adhikary (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

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

- 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*

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, 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