

AADIVISHNU GAJENDRA

Developer and Linux Enthusiast

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EXPERIENCE

DevOps Engineer

Tevatel

May 2024 - Ongoing

Chennai, India

- Create efficient, fail-safe server migrations for over 200 clients using Ansible spanning to about ~2 TB of data.
- Conduct stress tests on multiple services split up across 40 nodes using Artillery.
- Design and implement a region-based, highly available and scalable infrastructure for a telephony service using Docker and Portainer to manage it.

Technical Lead

Linux Users Group

Sept 2023 - Oct 2024

VIT Chennai, India

- Lead a team of developers to create an open-source CTF platform using FastAPI and TortoiseORM to run asynchronously and handle 10k reqs/m.
- Implemented self-managed infrastructure for deployment of 400+ live Docker containers with 30k+ reqs/m.
- Collaborated with a team of 30+ members to organize multiple large scale events, receiving a total of 1500 participants.

Fullstack Developer

TripeOne

2021 - 2023

Mumbai, India

- Developed a comprehensive, low-dependency full-stack platform using NodeJS which included billing via Stripe, server customizations, and auto-deployment scripts for a Minecraft server hosting company.
- Created scripts for the Pterodactyl panel to eliminate security vulnerabilities while auto deploying Minecraft servers.

PROJECTS

Pwncore

November 2023

A robust CTF platform backend to host CTFs with dynamic flags in user-isolated Docker containers. Built using FastAPI and TortoiseORM, with the ability to handle 10k+ reqs/m

FOSSit '24 Platform

April 2024

A fullstack platform for an open source bug bounty event built using SvelteKit, TailwindCSS, and Supabase.

More projects at <https://aadivishnu.com/projects>

SKILLS

Programming Languages: Shell / Bash

C++

Python

Typescript / Javascript

Fullstack Development: SvelteKit TailwindCSS

FastAPI

TortoiseORM

PostgreSQL

DevOps: Docker Docker Swarm Ansible

Artillery

Portainer

PM2

Nginx

ufw

Grafana

Prometheus

Linux Distros (OS): Arch Debian Ubuntu

EDUCATION

B.Tech Computer Science Engineering

Vellore Institute of Technology, Chennai

Ongoing

9.30 CGPA