

Prithu Goswami

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intro

I love tinkering with new technologies and learning the inner workings of them. I like building things from scratch and having control over what I use to build them. I love *nix systems and the command line. I also consider myself having a decent sense of UI/UX and have experience building frontends.

education

PES Insitute of Technology B-Tech in Computer Science

July 2017 - present
Bangalore, India

Sri Chaitanya School, CBSE Grade 12

Graduated April 2017
Bangalore, India

Embassy Public School, ICSE Grade 10

Graduated April 2015,
Bangalore, India

skills

Languages - Python, Shell Scripting, C, JavaScript

Web - HTML, CSS, Hugo, Django, Flask, MySQL, MongoDB, PostgreSQL

Tools - vim, git, tmux

Cloud/Infra - AWS (EC2, Lambda, S3), GCP, nginx

DevOps - Docker, Github Actions

Security - Reverse engineering, Forensics, some experience with binary exploitation and assembly language

interests

*nix Systems (Linux, OpenBSD, NixOS)

Backend Development

Cloud infrastructure / DevOps

Computer Networks

Information Security

experience

- **Comono AS** (July 2020 - present)
Software Developer | Remote

Working part-time, involved in building backend of a product helping a legal firm in Norway. Developing with **NodeJS** deployed on **AWS Lambda**. Work on refactoring of **REST APIs** following good practices and **OpenAPI specifications**. Working with **libxmljs** to allow processing of XML documents and providing a JSON interface.

- **Life Mein Marks (GDA Schools)** (Feb 2020 - Feb 2021)
Backend Engineer Intern | Bangalore, India

Responsible for designing and deploying the backend for a edu-tech product. Designed and built **REST APIs** using the **Django framework** that were consumed by the the web app and mobile app. I was also responsible for managing compute instances to have frontend and backend deployments, **git repositories** and **database maintainance**.

projects

- **moviedb**
Python, flask, PostgreSQL
A python flask web app that allows users to browse movies and also add them to their favoritess list
- **auto-movie-tagger**
Python, ffmpeg (media encoder), TMDb APIs
A simple python script that automatically tags movie files with information fetched from TMDb and also sets the poster as a cover image.

writing

I love technical writing as well. I believe that writing really helps with cognitive abilities and brings out a better understanding of a topic. Some of my posts:

- **The beauty of unix pipelines**
- **Using server-side git hooks to auto publish blog posts**