

YASHWANTH RATHAKRISHNAN

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Experience

Fellowship

Jan 2025 – June 2025

Fedora Project | **Tech:** Golang, Tailwind CSS, Git, Docker

Remote

- **A Fedora Fellowship, sponsored by the Fedora Community Architect.** I'm working closely with the Fedora Infrastructure Team and the Red Hat Community Linux Engineering Team. My main focus is on the UI side of things, especially in making changes to UI in Forgejo to implement features/changes that matches the Fedora use-cases and helping migrate from Pagure to Forgejo. My work is mostly focused on working in Forgejo's front-end side of things.

Research Engineer Intern

Jun 2023 – Oct 2023

Stepping Edge Technologies | **Tech:** Elasticsearch, Kibana, Google Cloud API, NodeJs

Coimbatore, Tamil Nadu, India

- **Built a basic search engine prototype** using Elasticsearch and Kibana in four weeks. It handled 50,000+ entries and about 1,000 queries per hour in testing. Added voice search using Google Speech-to-Text, which helped reduce setup time and made it easier for the team to start development.

Projects

Python Package | <https://github.com/AmateursLeague/sneaky-package>

Dec 2023 – Jul 2024

- Developed a ready-to-deploy **Python package** for quietly managing file operations on a private machine. The code is lightweight and compact, allowing for fast installation and execution. It is built entirely using Python's standard library modules

Open-Source Contributions

Fedora Linux Project

Aug 2024 – Present

- I primarily contribute to the Infrastructure & Community Operations team, where I help with tasks like hosting weekly and monthly meetings, fixing minor bugs, improving documentation, and making changes to Ansible playbooks. Currently, I'm mostly working on Forgejo, an alternative to Pagure.

GirlScript Summer of Code - Project Administrator

Sep 2024 – Nov 2024

- Manage project organization, support contributor on-boarding, and ensure smooth collaboration between participants and mentors. Oversee documentation, track progress, and mentor participants while promoting best practices for a collaborative and inclusive environment.

Education

PSG College of Arts & Science

Sep 2020 – May 2025

Master of Science in Software Systems | **CGPA:** 7 / 10

Coimbatore, Tamil Nadu, India

Certificates

CS50P: Introduction to Programming with Python

Issued May 2024

Credential ID: c1f603b8-155d-4c79-b6d5-ed9268621af | **CS50**

LX0117EN: Linux Commands & Shell Scripting

Issued Jun 2024

Credential ID: 42a16e6f573b402fa5f7875e269d04e4 | **IBM**

RH094x: Fundamentals of Ansible

Issued Oct 2024

Credential ID: fe90a3a87aa14f2ba7e740ebd2ff0034 | **Red Hat**

Technical Skills

Languages: Python (Intermediate)

Technologies & Tools: Ansible, Linux, Git, Shell Scripting

Networking: Home Networking, Small-Scale & Home Infrastructure Management

Web Development: HTML/CSS, Bootstrap

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