

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 Project use-cases. My work is mostly focused on working in Forgejo's front-end side of things.

Research Engineer Intern

Jul 2023 – Oct 2023

Stepping Edge Technologies

Coimbatore, Tamil Nadu, India

- **Built a search engine prototype** using Elasticsearch & Kibana in four weeks, processing 50,000+ entries and handling 1,000 queries/hour with over 88% stability. Added a voice search plugin with Google Speech-to-Text, laying the foundation for the project and reducing setup work by 30%, enabling the team to start development immediately.

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 - Member of Fedora Community Operations & Infrastructure Team

Aug 2024 – Present

- Contribute to the Infrastructure & Community Operations team by hosting meetings, fixing bugs, improving documentation, and maintaining Ansible playbooks to enhance automation and reliability. Currently focused on Forgejo, a modern alternative to Pagure supporting Fedora's source code infrastructure.

Forgejo - Team Member

June 2025 – Present

- Recognized as a team member after consistent contributions to Forgejo, an open-source, self-hosted Git service forked from Gitea. Delivered bug fixes and UI/UX enhancements to improve usability, and collaborated asynchronously with global contributors to ensure effective alignment in a distributed environment.

Education

PSG College of Arts & Science

Sep 2020 – May 2025

Master of Science in Software Systems | **CGPA: 7.6 / 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**

DO088x: Fundamentals of Containers, Kubernetes and OpenShift

Issued Jan 2025

Credential ID: 29442d73f0ec490bb170b9bd5eb341a9 | **Red Hat**

Technical Skills

Languages: Go, Python, Bash Script

Technologies & Tools: Ansible, Git, Linux, Docker, PostgreSQL

Web Development: HTML/CSS, Tailwind CSS, Vuejs, Go Template

Others: Homelab, Package Management in RPM & DEB

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