Ranjit Pokharel

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Website: https://ranjit-pokharel.github.io/

Main Objectives

Former medical professional transitioning into IT, currently building technical skills through Harvard's CS50 courses in computer science and Python programming, as well as Linux training. With a strong commitment to learning, I'm eager to apply my problem-solving skills and new technical knowledge in an IT role.

Skills

- Linux Administration: Btrfs, LVM, RAID, systemd, bash scripting, network configuration, user management, Timeshift, BTRFS snapshot tools, SSL, SSH, firewalld, SELinux, TPM configuration.

- Python Development: Automation scripts, API integration, web scraping, data processing, Django, Flask.

- JavaScript, HTML, CSS, Bootstrap, Tailwind

- Virtualization, KVM, VirtualBox.

- Version Control: Git, GitLab, GitHub.

- Database Management: MySQL, SQLite.

Project

BTRFS Manager

- **ConvAi:** An AI Conversational Assistant short for ConvAI built in Python that interacts with users in a conversational format. It supports saving and loading conversation history, and real-time emoji conversion while typing inputs.

- **Btrfs Manager:** A Python tool for simplifying the management of Btrfs file systems, including snapshots, subvolumes, and partitions.

- **Portfolio: ranjit-pokharel.github.io:** github pages using html css and bootstrap ans javascript.

Education

Harvard's CS50

- CS50's Introduction to Computer Science

- CS50's Introduction to Programming with Python

UDEMY

- Complete Linux Training Course to Get Your Dream IT Job 2024

Florence College of Physiotherapy

- Bachelor of Physiotherapy, 2015-2020 Affiliated with Rajiv Gandhi University of Health and Science

V.S Niketan Higher Secondary School

- Pre-University Education (HSEB Grade +2), 2015 School Leaving Certificate Examination, 2013