Saurab Tharu

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EDUCATION

Asian College of Higher Studies (Tribhuvan University) — Ekantakuna, Lalitpur
Bachelor of Science in Computer Science and Information Technology — *Sep. 2019-present*

Trinity International SS & College — Dillibajar, Kathmandu
High School +2 in Science — *Jul. 2017 - Jun. 2019*

EXPERIENCE

DevOps Engineer - Internship — May 2024 - Aug. 2024
F1Soft International Pvt. Ltd. — *Pulchowk, Lalitpur*

ACADEMICS AND PERSONAL PROJECTS

Gitlytics | *Python, Flask, React, PostgreSQL, Docker* — June 2020 - Present
- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

Simple Paintball | *Spigot API, Java, Maven, TravisCI, Git* — May 2018 - May 2020
- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

ACHIEVEMENTS

CodeFest 2022 Winner: — Code For Change Nepal, Kathmandu
Project BookXchange is community focused project to help students and book lovers find books and exchange without the need of Money.

TECHNICAL SKILLS

Programming Languages: Python, Rust, JavaScript, Bash, HDL, SQL, LATEX
Tools: Linux-based systems (Arch-Linux, Debian, RHEL), Git, docker, Kubernetes, kvm, vim, tmux, Postman
Frameworks: RPA Framework, Django REST Framework, scrapy
Other Technical Skills: Virtualization, Routing and Switching, System Troubleshooting
Soft Skills: Problem Solving, Self-learning, Adaptability