

PROFESSIONAL EXPERIENCE

Red Hat - Community Platform Engineering

Senior Software Engineer

February 2018 – present

Work as a part of the CoreOS Community and Tools Team.

Work focussed on the release of Fedora CoreOS. The work included integrating the pipeline to push Fedora Cloud current and future images to Cloud Providers with a CoreOS project, mantle.

Handle Two Week Atomic Release Process for Fedora Atomic.

Red Hat - Fedora Engineering

Senior Software Engineer

October 2015 – January 2018

Primary Maintainer for couple of projects within the Fedora Infrastructure.

Re-write the Fedora AWS Pipeline from scratch in favor of much more stability, and ease of use.

Lead the development of the community platform, Fedora Hubs.

Built projects to support the Fedora Two Week Atomic Release.

Work with the community to engage more contributors within the community.

Constantly refactored, documented, and added tests.

HackerEarth

Senior Software Engineer

July 2013 – October 2015

Software Engineering Intern

January 2013 – June 2013

Lead the HackerEarth Sprint (Innovation Management) from scratch to production.

Heavily involved in maintaining the infrastructure of the platform. Part of the team growing from 3k to a million users.

Contributed to building various parts of our web applications in Python using the Django web framework.

Built various high-performance/scalable web pages for HackerEarth Recruit.

Wrote various user as well as recruiter facing products, Code Analysis Engine, HackerEarth URL Shortener, etc.

Google Summer of Code - Fedora

Individual Contributor

June 2013 – September 2013

Got selected under Fedora Project organization, worked on Darkserver under the mentorship Kushal Das.

Integrated the support for secondary architecture, URL-Caching mechanism, and a read-only dashboard for web-status.

EDUCATION

Dr. B. C. Roy Engineering College, Durgapur, West Bengal

Bachelor of Technology, Computer Science

May 2013

Jamshedpur Public School, Jamshedpur, Jharkhand

AISSCE

May 2009

AISSE

May 2007

SKILLS / KEYWORDS

Linux: Red Hat family (Fedora), Debian family (Ubuntu)

Monitoring: Nagios

Scripting: Bash and utils (sed, awk, grep), Python, Golang

Backend: Python (Django, Flask, Pyramid)

Frontend: HTML, CSS (LESS, SASS, Stylus), Javascript (jQuery, ReactJS)

Databases: MySQL, PostgreSQL, SQLite, Redis

Web Application servers/proxies: Varnish, HAProxy, Nginx, uWSGI

Version control systems: Git, Mercurial

Misc: Amazon Web Services (EC2, S3, CloudFront, Route53), Ansible, RabbitMQ