

Rohit Kulkarni

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EXPERIENCE

Druva

Staff Software Engineer

Sep. 2022 – Present

Pune, India

- **Photon** - Building next generation sync engine 'Photon' using Rust/Tokio (async I/O). Photon is used by Druva products to backup and restore data to / from Druva cloud storage. Photon uses a combination of I/O bound (disk and network) and compute bound (SHA compression), multi stage data pipeline to transfer data to and from Druva cloud storage.

Avaya

Software Engineer

Jul. 2020 – Sep. 2022

Pune, India

- **PFrame** - Created an docker based framework to facilitate concurrent processes and tests from scratch along with managed networking. Built in python, deployed using Ansible scripts.
- **FlaskMiddleware** - Worked on implementing flask based middle-ware to bypass license and subscription management for a product. Led to reduction in test execution time for smokes and sanity.
- **CCaaSLE** - Deployed a kubernetes cluster along with dashboard and grafana for monitoring. Worked on Agent Action Emulator based on SDK built with micro-service architecture. Built in GO and NodeJS deployed using helm
- Lead the effort for increasing solution wide automation coverage. Have worked on VMware Infra management, hypervisor installation, Linux networking, local DNS deployment

Perennial Systems

Intern

Dec. 2019 – Apr. 2020

Pune, India

- **APPDEV** - Worked on a android app development, worked on back-end processor service.

SKILLS

Back-end Technologies : Rust, Go, Python, Java

Database : SQL (MySQL, PLSQL)

Devops : Docker, Kubernetes, AWS, Helm, Jenkins, Ansible, Nagios, Grafana

Tools and Platforms : Git, VSphere, SIP-RTP

EDUCATION

Vishwakarma Institute of Technology, Pune

B. Tech in Electronics Engineering

2016 – 2020

CGPA - 9.75

Personal Projects

PCB Missing Hole Detection using masked R-CNN [Github](#)

- A RCNN based PCB Missing Hole Detection

Shabdalya [Demo](#) [Github](#)

- Contributor to E-commerce website for ordering books online - WIP

ACHIEVEMENTS

- * Winner of inter college line-tracer robot competition (2018)
- * Institute topper for Electronics Department, VIT Pune