


# Rajesh G


Open Source Enthusiast & Developer


I use Arch btw.

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stackoverflow.com/users/7637602 

## EDUCATION

### B.Tech (Honours.)

Rajiv Gandhi Institute of Technology

2016 - 2020

CGPA: 8.15

### 12th Standard

Sacred Heart Public School, Kilimala

2016

Percentage: 93.4%

### 10th Standard

Sacred Heart Public School, Kilimala

2014

CGPA: 10

## EXPERIENCE & POSITIONS

### Software Developer & Team Lead

Carestack

07/2020 - Present

Cloud Practice Management System

Involved:

- ETL, Data Warehousing, DB Migration
- Extract, Transform & Migrate source DBs to SQL server (using ODBC), Data mapping, business logic application
- HITT: Develop in-house SQL Testing framework for migrated data validation check
- Complex SQL queries, Stored procedures, Optimization
- Team Lead

### FOSS Cell, RIT

Lead & Core Member

2018 - 2020

Organized workshops, discussions, Orientation. Maintained an active community that loves FOSS

### Workshop Resource Person

Tinkerhub, RIT

Linux, git, Open Source contributions & Introduction to Ethical hacking Workshops

### Social Media Manager

Tinkerhub Foundation, Kochi

2018 - 2019

### Intern

Singularis Technologies, Kottayam

2018

Used HTML, CSS, Js, SQL & php to develop a customer feedback portal

## SKILLS & FRAMEWORKS

Linux Administration

SQL

Python

Docker

git

Self hosting

Bash

Cloud computing

SQL Server

MySQL

Query optimization

Browser Automation

Playwright

## PROJECTS

### Home Lab

- Personal home server with a Type 1 virtualization hypervisor to run VMs & container workloads like personal cloud storage, Automatic movie management, video streaming, self-hosted VPN server etc.
- Linux, Docker, KVM virtualisation, Networking
- Proxmox, OpenWRT, Jellyfin, Nextcloud, stremio, luci-adblock...

### HITT - High Intensity Testing Tool

- DB Validation framework
- Compare multiple DBs for validation of migrated ETL data from multiple source systems with differing business cases with a unified comparison technique. Re-using logic, eliminate redundant code.
- SQL, SQL server

### Wallhaven Automator

- Automatically fetch current wallpaper info & bookmark in your wallhaven.cc account with press of keyboard shortcut
- Browser Automation, Playwright Python
- github.com/dude-with-the-long-username/wallhaven-automator

### Aviyal Linux

- Custom Arch based Linux distro with sane pre-configured defaults
- Bash

### Clipboard OCR

- Optical Character Recognition on image copied to clipboard
- Python, Tesseract
- github.com/dude-with-the-long-username/clipboard-ocr

## ABOUT ME

### Open Source Contributor

Contributes to FOSS projects, in ways I can. Takes part in Beta-Testing & Telemetry of FOSS projects. Monetary contributions to Foundations (Mozilla, Wikipedia, VLC..)

### 85 WPM Typing speed

Among the top 4% fastest typists in the world (according to 10fastfingers.com & thetypingcat.com)

### Tinkerer & Linux enthusiast

Spends time tinkering on devices. Tries to unlock full potential of hardware by rooting phone, bringing unusable PCs back to life, finding new software/apps, Trying out extensions, Custom Android ROMs. Used 30+ distros including Arch linux, Manjaro, Fedora, Ubuntu, Debian, Kali, AOSiP, Paranoid Android, AEX, Raspbian, Proxmox, OpenWRT....