

# Nikhil Ladha

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## Experience

### Red Hat

Software Engineer

01/2022 - Present

Associate Software Engineer

10/2020 - 12/2021

- Maintain 2 components in RHGS namely glusterd, CLI.
- Co-developed [Redant - A test framework for GlusterFS](#) which improves the testing time by a minimum of 50%.
- Worked on around 20 code restructuring, component overhaul enhancements.
- Resolved ~40 bugs, and troubleshoot/steered 30 customer issues related to RHGS.
- Automated roughly 20 unit tests in python for the RHGS testing framework.

Intern

03/2020 - 10/2020

- Eliminated 24 issues, made enhancements in the GlusterFS project.
- Improved the code coverage by ~20% of 2 components of the GlusterFS project.

### Layer5

Maintainer

08/2019 - Present

- Maintain/Contribute to the frontend projects across Layer5.
- Architect of the current [layer5.io](#) site based on Gatsby.
- Mentored 75+ new contributors as a [MeshMate](#).

### Garden Reach Shipbuilder and Engineers

Intern

06/2018 - 07/2018

- Created a [web application](#) using Active-X plugin which lists all the active IP addresses within the network in the given range

### Switz Food

Intern

12/2017 - 01/2018

- Managed to develop a [complain logger](#) website, which can be used by the employees of the company to raise any technical issue which relates to the IT team of the company and reduce the overall burden on the IT support team.

## Projects

- **Ultrasonic Smart Glasses for Blind People**
  - Built a smart glass for the visually impaired person, which can help the person to detect nearby objects around a range of 1 meter depending upon the frequency of the buzzer fitted in the glasses.

- **Snake Game**
  - Created a web-based [Snake Game](#) using HTML Canvas.
- **Notes-App**
  - Enhanced a Notes App using Cordova (Ionic) framework and used nSQL for CRUD operations as part of the RHOSC task.

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## Skills

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|-------------------|--------------|
| • C/C++           | • HTML       |
| • CSS             | • Javascript |
| • Python          | • ReactJs    |
| • Gatsby          | • jQuery     |
| • Shell Scripting |              |

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## Education

### University of Engineering & Management

Computer Science Engineering • Jaipur, Rajasthan

05/2020

- Awarded a 25% scholarship based on my merits.
- Winner of Red Hat Open-Source Contest (RHOSC), 2020

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## Social Profiles

- [GitHub](#)
- [LinkedIn](#)
- [Twitter](#)