

Rohith Raju

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EDUCATION

- **Linkoping University** Linkoping, Sweden
Computer Science, Master's Programme - 6MICS Aug. 2024 – Aug. 2026
- **Reva University** Bangalore, India
Bachelor's in Computer Science and Engineering GPA: 8.75/10 Aug. 2019 – July. 2023
- **Deeksha Pre University** Bangalore, India
Pre University PCMC : First class Aug. 2017 – Feb. 2019

EXPERIENCE

- **Google summer of code at CNCF Falco** Remote
Open source developer May 2023 - September 2023 4 mos
 - **Building Falco Playground using Wasm:** The Falco community lacked an official IDE for writing and playing with Falco rules. I along with my mentor developed a backend-less Falco Playground web app that uses WebAssembly for the Google Summer of Code.
 - **Skills::** C++, Cmake, React, Typescript, WebAssembly, Github Actions, Kernel
- **Motorola Solutions** Bangalore, India
Internship Trainee July 2022 - December 2022 6 mos
 - **Messaging Team:** Worked on spring boot microservices that are used for mission-critical push-to-talk communications.
 - **Skills::** Linux , Docker , Jira , Springboot basics
- **Betsol** Bangalore, India
Software Engineering Intern Jun 2022 - July 2022 1 mos
 - **Docker Containerization:** Containerized swiftcode Repository which uses play framework to deploy the application using Docker
 - **Skills::** Docker
- **PawsNme** Bangalore, India
Web Developer Intern Nov 2020 - Oct 2021 1yr
 - **Node Script:** Revised a method to seamlessly transfer data from an xlsx file into the database, streamlining the process. Skillfully resolved various bugs and challenges associated with backend endpoints, ensuring smooth functionality and enhanced user experience.
 - **Skills::** Node.Js , Express
- **Ninjaas Internet - Retail and eCommerce** Bangalore,India
Web Developer Intern Aug 2021 - Sep 2021 2 mos
 - **Tellack:** Tellack is script built with node to move all the chat data from Telegram to Slack.
 - **Skills::** Node.Js

OPEN SOURCE CONTRIBUTIONS

- **Falco Security** Bangalore, India
Contributor — <https://github.com/falcosecurity> April 2023 - present
 - **Flaco Libs:** Falco is a cloud-native security tool designed for Linux systems. It employs custom rules on kernel events, which are enriched with container and Kubernetes metadata, to provide real-time alerts. I contributed by adding additional syscalls to the core falco libs repository.
- **Layer5** Bangalore, India
Member/Contributor — <https://github.com/meshery> May 2022 - December 2022
 - **Meshery:** Meshery is the cloud native management plane offering lifecycle, configuration, and performance management of Kubernetes, service meshes, and your workloads. I contributed by improving the UI/UX of the application and making documentation changes.

PROJECTS

- **Crux:** (Work in Progress) Crux is a C++ implementation of the Lox interpreter by following the principles used in the Crafting Interpreters book written by Bob Nystrom.
- **LinkedList:** This project consists of a templated version of a linear linked list that mimics the style used in C++ standard template library. This project was done to learn, understand and practice concepts specifically tied to C++.
- **Telemetry Observability For Self-Piloted Robot:** A self-piloted robot with infrared sensors follows a predefined path that is marked with a black line on a contrasting white colour, using sensor data to make decisions. Journey data is sent to a database for realtime analysis.
- **TripTalk:** TripTalk is a web application built with react which allows users to create travel blogs.
- **Reva Results:** A python and xpath web scraper which scrapes and formats the results site and displays the marks of a student

TALKS AND PRESENTATION

- **The Falco Playground: A Cocktail of WebAssembly and Runtime Security** Chicago, Illinois
Working of falco and falco playground *Youtube:Link Slides:Link*
- **Building a Docker Extension from scratch** Microsoft Reactor, Bangalore
Inner workings of Docker extensions and building a sample app *Slides:Link Highlights:Link*

PROGRAMMING SKILLS

- **Languages:** C++, Python, Javascript, Go **Technologies:** React, Node, Typescript, GCP, MongoDB, Aws