Rohith Raju

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EDUCATION

- **Reva University** — Bangalore, India
  Computer Science and Engineering GPA: 8.5/10 — *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 - present*
  - **Building Flaco Playground using Wasm**: Falco is a CNCF tool for Runtime Security, for both Linux systems and cloud logs, and the highest adopted threat detection project for Kubernetes. Its powerful engine is configured with a simple rule language based on YAML. However, the 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, Kernal

- **Motorola Solutions** — Bangalore, India
  Internhip 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**: evised 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

- **Flaco 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 addtional 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.

- **Collabnix** Bangalore, India
  Open Source Contributor — https://community.collabnix.com *Jun 2022 - present*
  - **Writing and Blogging**: Collabnix is a platform for open source developers to share their knowledge and experience. I write and blog about open source projects and technologies.
- **Gaav/httpexpect** Bangalore, India
  Open Source Contributor — https://github.com/gavv/httpexpect *Jun 2022 - present*
  - **Contributing to httpexpect codebase**: httpexpect is a golang expectation library that you can use to test your response by making assertions on the response in an easy and readable way. I contributed by adding additional features to the library.

Projects (Clickable Sub-heading)

- **TripTalk**: TripTalk is a web application built with react with 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

- **Building a Docker Extension from scratch** Microsoft Reactor,Bangalore
  Inner workings of Docker extensions and building a sample app *Slides:Link Hilights:Link*

Programming Skills

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