

Anirudh M

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EXPERIENCE

- **Google Summer of Code 2018** Remote
 - *Envoy Proxy - Cloud Native Computing Foundation - <https://www.envoyproxy.io/>* *May 2018 - Present*
 - **Extending Envoy's fuzzing coverage** [↗](#) :
 - **Mentors:** Matt Klein, Harvey Tuch, Constance Caramanolis
 - **Work for the summer:**
 - Proto fuzzing on Envoy's configuration
 - Work on providing fuzzing for data plane
 - HTTP2 fuzzing
 - **Hasura** Bangalore, India
 - *<https://www.hasura.io> - **Software Engineering Intern*** *Dec 2017 - Feb 2018*
 - **Hasura Hub:** Developing boilerplates, templates for Hasura Hub which includes starter projects which run on Hasura platform, along with the microservices.
 - **Hub Projects:** Published front-end, back-end, data visualization projects involving languages: **nodeJS, Python, ReasonML, Julia**.
Live hub projects at: <https://hasura.io/hub/users/anirudhm> [↗](#)
 - **Work:** Worked with **Docker, Kubernetes, GitHub API, Google Custom Search API**
 - **Google Summer of Code 2017, Google Code-in Mentor 2017** Remote
 - *Haiku OS - <http://www.haiku-os.org>* *May 2017 - Aug 2017*
 - **Preferences GUI Refactoring:** HaikuArchives - SuperPrefs [↗](#)
 - **Mentors:** waddlesplash, Sean Healy
 - **Project:**
 - Development of a Control Panel to access categorized preflets, apps with C++
 - Implemented sorting of entries, and localized language search
 - Inner keyword level search of preflets
 - **Submission:** <https://github.com/HaikuArchives/SuperPrefs>

EDUCATION

- **Velammal College of Engineering and Technology** Anna University, Chennai
 - *Bachelor of Engineering in Computer Science and Engineering; GPA: 8.15/10* *2015-2019*

WORKS

- **SuperPrefs - HaikuArchives** [↗](#) : C++, Haiku API [↗](#) to build Haiku's Control panel for Preflets and Apps
Implemented Categorization, Keyword based and localized language search, composed **Makefile** for build
- **Android Apps in Google Play Store** [↗](#) : Wallpaper with Quotes — Convertera
- **Dockerfile for deploying:** JupyterLab [↗](#) — Jupyter notebooks with kernel: R [↗](#) — Julia [↗](#)
- **Quandl datasets visualization with Metabase** [↗](#) :
Fetches time-series data from Quandl, stores in PostgreSQL, Metabase for visualizing the data.
- **ExceptNothing.com** [↗](#) : Maintaining a self-hosted tech blog since 2011, having more than 600 posts.
Peak Alexa rank: 40K. Page Rank: 2. Domain Authority: 32 — **Tools:** WordPress, SEO, Google AdSense, Analytics

PUBLICATION

- **How I deployed a ReasonML React app with Docker:**
Featured in:— [HackerNews frontpage #1](#) [↗](#) — [Docker Weekly](#) [↗](#) — [React.js Weekly](#) [↗](#) .
- **Experience working with Haiku OS:** GSoC 2017 final report submission [↗](#)

TECHNICAL SKILLS

- **Languages:** C, C++, JavaScript, Java, Python **Technologies:** Git, Docker, Make, Metabase, LaTeX
- **Relevant Coursework:** Programming and Data Structures, Algorithms, Software Engineering, Operating Systems, Database Management Systems, Computer Networks, Computer Architecture, Compiler Design