

Kaartic Sivaraam

Software Gardener

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I'm a developer seeking to work with awesome people. A few things that best describe me:

- Self-motivated and an autodidact.
- Innately curious about exploring things.

Experience

- **Member Technical Staff @ Zoho** 2019 - present
 - Member of a platform team that develops a *web component framework* used by 25+ products.
 - Apart from ideation and development, took up R&D that's vital to the framework.
 - Evaluated a connection pool library and rigorously assessed a SQL parsing library to ensure it meets framework needs. Led the creation of a memory-efficient configuration representation.
 - Closely collaborated with teams to facilitate seamless migration to the framework's latest rewrite, proactively addressing any integration issues that arose.
 - Assumed complete ownership of establishing the framework's documentation encompassing tool selection, identification of an apt documentation system, and crafting of the content itself.
 - Provided guidance to a documentation team of two and an R&D team of one.
- **Project Engineer @ e-con Systems** 2018 - 2019
 - Member of the Camera R&D Team.
 - Developed new *embedded platform camera products* by porting different V4L2 based camera drivers to new platforms based on the Linux kernel.
 - Explored other awesome things such as OpenCV, CUDA and HDR algorithms.

Open Source

An eager advocate of open source principles and the collaborative ethos it embodies. Few notable contributions are:

- Maintainer of the Wikimedia Commons Android app.
- Part of the Git Rev News team, that curates a newsletter about the Git community.
- Served as a mentor for outreach programs such as GSoC and Outreachy, guiding students within Git and Wikimedia communities.

Projects

- **CWOPG** - Node.js app that enables users to download personalized offline Wikipedia article packages.
- **தமிழ் அகராதி (Tamil Dictionary)** - **Aard 2 for Android** customized as a Tamil dictionary app.

Education

- **B.E., Computer Science and Engineering** (CGPA: 8.1) 2018
 - Saranathan College of Engineering

Skills

- Java, HOCON
- jOOQ, HikariCP
- PostgreSQL, SQL and co.
- Also dabbled with: C, Shell scripts, Android, HTML, JavaScript, Node.js, Sass, Gradle
- **Certifications:** **Continuous Delivery & DevOps** ■ **Introduction of Web Authentication**
- Eye for Detail
- Prudent about Security