

Kaartic Sivaraam

Software Gardener

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A software gardener who enjoys developing, contributing and tending to software that has an impact on other's work. 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, Android, Shell scripts, Ruby, HTML, JavaScript, Node.js, Gradle
- **Certifications:** [Continuous Delivery & DevOps](#) ■ [Introduction of Web Authentication](#)
- Eye for Detail
- Prudent about Security