

# Kaartic Sivaraam

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| Objective  | I'm a Computer Science enthusiast. A few things that best describe me: <ul style="list-style-type: none"><li>● Self-motivated and a Semi-autodidact.</li><li>● Passionate about programming. Loves to craft eloquent programs.</li><li>● Loves to explore behind the scenes working of things.</li><li>● Keeping-up with standards and best practices</li></ul>                                    |                      |
| Skills     | Proficient: C, Git, Shell scripting<br>Intermediate: C++, Java, HTML5, Responsive website design, CSS, Sass, JavaScript, Node.js, Android, Python  |                      |
| Experience | e-con Systems India Pvt. Ltd.  | July/2018 to present |
|            | I'm currently a member of the Camera Team doing R&D for the development of new embedded platform camera products. I explore how to port the different Camera drivers to various new platforms which are mostly based on the Linux kernel. So, I typically hack around developing V4L2 based Linux kernel drivers. I also get to work on other awesome things such as OpenCV, CUDA, HDR algorithms. |                      |
|            | <b>Skills Developed:</b> Linux, Linux kernel driver, C, OpenCV, Git, Bash, gdb, I2C, Nvidia Jetson, CUDA, HDR, Jira, Confluence  |                      |
| Education  | B.E., Computer Science and Engineering (August 2014 - April 2018)<br>Saranathan College of Engineering   |                      |
|            | Higher Secondary Certificate (HSC) (June 2012 - March 2014)<br>Mahatma Montessori Matriculation Higher Secondary School  |                      |
| Projects   | <a href="#">Customized Wikipedia Offline Package Generator</a>   |                      |
|            | A Node.js application that attempts to solve the need of customized offline packages for Wikipedia Android app's <a href="#">Offline Compilations</a> feature.   |                      |
|            | <b>Technologies Used:</b> Node.js, Stemmer, Express, JavaScript, mwoffliner, PetScan, Material Design, MCW, Sass, jQuery, Responsive design  |                      |

## Seminar Hall booking

A web application to book seminar halls (learning project).

**Technologies Used:** Sass, Material Design, Material Components for the Web (MCW), jQuery UI, Responsive design

## தமிழ் அகராதி (Tamil Dictionary) - Android app

The [Aard 2 for Android](#) customized as a Tamil dictionary.

**Technologies Used:** Android, Gradle

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**Contributions** A few notable contributions to open-source projects:

Wikimedia Commons App Website [project](#) [contributions](#)

I am the maintainer of the website for the [Wikimedia Commons Android app](#), which is a community maintained Android app for the [Wikimedia Commons](#) project.

Git [project](#) [contributions](#)

One of the open-source projects to which I made my initial contributions. I find the community to be a very diverse and knowledgeable one.

Wikimedia Commons Android App [project](#) [contributions](#)

A project to which I mostly do non-code contributions. This includes filing bugs, entering in discussions etc.

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**Certifications**

- Continuous Delivery & DevOps ([University of Virginia on Coursera; May 2019](#))
- MTA: Networking Fundamentals ([Microsoft; 2016](#))

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**Interests**

- [Contributing to open source projects](#)
- [Volunteering for the Wikimedia Foundation](#)
- Helping to improve software (by filing bug reports/improvements)
- [Editing Wikipedia](#) (greatly improves researching skills!)
- Learning new things (the autodidact's way)
- Reading books ( [Wishlist](#) )

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**Languages**

- ◆ தமிழ் (Tamil) (Native)
- ◆ English (Advanced)