

Kaartic Sivaraam

Chennai, India - 600047

+91 875 427 5908 • kaartic.sivaraam@gmail.com

[GitHub](#) • [LinkedIn](#) • [Twitter](#) • [Website](#)

Objective	I'm a Computer Science enthusiast. A few things that best describe me: <ul style="list-style-type: none">● Semi-autodidact● Passionate about programming. Loves to craft eloquent programs.● Loves to explore behind the scenes working of things.● Keeping-up with standards and best practices	
Skills	Proficient: C, Git, Shell scripting 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
	<p>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.</p> <p>Skills Developed: Linux, Linux kernel driver, C, OpenCV, Git, Bash, gdb, I2C, Nvidia Jetson, CUDA, HDR, Jira, Confluence</p>	
Education	B.E., Computer Science and Engineering (August 2014 - April 2018) Saranathan College of Engineering	
	Higher Secondary Certificate (HSC) (June 2012 - March 2014) Mahatma Montessori Matriculation Higher Secondary School	
Projects	Customized Wikipedia Offline Package Generator	
	<p>A Node.js application that attempts to solve the need of customized offline packages for Wikipedia Android app's Offline Compilations feature.</p> <p>Technologies Used: Node.js, Stemmer, Express, JavaScript, mwoffline, PetScan, Material Design, MCW, Sass, jQuery, Responsive design</p>	

[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

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.

Certifications Microsoft Technology Associate: Networking Fundamentals (Microsoft; 2016)

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](#))

Languages

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