Kaartic Sivaraam

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Objective	I'm a Computer Science enthusiast. A few things that best describe me: ● Self-motivated and a 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, CSS **Basic:** Sass, JavaScript, jQuery, Node.js, Android, Python, SQL
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. **Skills Developed:** 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) Saranathan College of Engineering Higher Secondary Certificate (HSC) (June 2012 - March 2014) Mahatma Montessori Matriculation Higher Secondary School
Projects	[Customized Wikipedia Offline Package Generator](#) A Node.js application that attempts to solve the need of customized offline packages for Wikipedia Android app's [Offline Compilations](#) feature. **Technologies Used:** Node.js, Stemmer, Express, JavaScript, mwoffliner, PetScan, Material Design, MCW, Sass, jQuery, Responsive design

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	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	• Continuous Delivery & DevOps (University of Virginia on Coursera; May 2019) • MTA: 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)