

# Sricharan Chiruvolu

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<b>Academic Qualifications</b>	<b>B.Tech, 7th Semester</b>	2012-2016
	Computer Science and Engineering Amrita School of Engineering, Bengaluru	CGPA(current) <b>8.71/ 10.00</b>
	<b>12th Grade</b>	2012
	NRI Junior College, Hyderabad	Percentage <b>91.6%</b>
<b>Experience/ Certifications</b>	<b>10th Grade</b>	2010
	Kendriya Vidyalaya, Hyderabad	CGPA <b>9.60/ 10.00</b>
	<b>Student Developer, Google Summer of Code</b>	Summer 2015
	<i>Google Inc.</i> <ul style="list-style-type: none"><li>Developing open source software with Google Inc. sponsorship for PySoy (Copy-left Games), a 3D cloud game engine written in Python.</li><li>Development includes enhancement in the lighting and shadow rendering, reproducing and fixing bugs, documentation and testing. Programming languages include Genie, GLSL, Python and C.</li><li>More information on my project can be found at: <a href="http://goo.gl/frUCNa">http://goo.gl/frUCNa</a> and <a href="http://copyleftgames.org">http://copyleftgames.org</a>.</li></ul>	
<b>Technical Expertise</b>	<b>Introductory course on Linux- LFS101x.2</b>	Winter 2014
	<i>LinuxFoundationX</i> Successfully completed a certification course with an Honor Code certificate, offered by the Linux Foundation online.	
	<b>J2SE professional certification</b>	Summer 2014
	<i>Aptech India Private Ltd.</i> Successfully completed a certification course on Java programming and application development.	
<b>Technical Expertise</b>	<b>In-plant training</b>	Winter 2013
	<i>HCL Technologies</i> Gained industrial exposure of software development. Attended workshops on Android application development, PC hardware e.t.c.	
	<u>Intermediate Proficiency:</u>	Web design and development - Python(Django and Flask) and Javascript stack, 3D programming - OpenGL and GLSL, Free and open-source software, IDE's: qtCreator, codeblocks, matlab - Image Processing Toolkit, android studio, eclipse
	<u>Knowledgeable:</u>	Build tools - Cmake and GNU make, version control systems - git and mercurial, designing - Adobe Photoshop and Illustrator, documentation: Doxygen (generation) and LaTeX (preparation)

<b>Open-source Contributions</b>	<b>Copyleftgames</b> <ul style="list-style-type: none"> <li>• Worked on reproducing and fixing bugs, enhancing the physics engine and game render cycles.</li> <li>• A student developer for Pysoy under Google Summer of Code program. Working on enhancement in the lighting and shadow rendering.</li> <li>• Details: <a href="http://copyleftgames.org/">http://copyleftgames.org/</a> and <a href="http://goo.gl/frUCNa">http://goo.gl/frUCNa</a></li> </ul>	
	<b>Codrspace</b> <ul style="list-style-type: none"> <li>• Worked on minor enhancements of the python backend.</li> <li>• Currently working as a UI/UX developer.</li> <li>• Details: <a href="http://codrspace.com/">http://codrspace.com/</a></li> </ul>	
<b>Projects done</b>	<b>RayBox</b> <p>RayBox is an image synthesis system based on ray-tracing which includes reflections, refractions, soft shadows and depth of field.</p>	Jan 2015
	<b>ClubBox</b> <p>Developed a python based club management system where club in charges and faculty can interact with the club executives and organized events effectively.</p>	Nov 2014
	<b>ScreamBox</b> <p>Developed a blogging website using Django Framework where users can blog, follow others send personal messages and interact. Currently hosted at <a href="http://sricharan.herokuapp.com/">http://sricharan.herokuapp.com/</a>.</p>	May 2014
	<b>Few Hobby Projects</b> <p>Developed various OpenGL based models, a maze-solver using image processing techniques, a simple loadable kernel module, a google app engine based blogging site, a few bash scripts, scripts using Twitter, Facebook graph, openweather and various other RESTful APIs e.t.c. Details: <a href="http://github.com/sricharanized/">http://github.com/sricharanized/</a>.</p>	
<b>Ongoing Projects</b>	<b>ClassBox</b> <p>A complete productivity suite for schools and colleges to interact effectively. Features include an interactive drawing board, chat rooms, dedicated forums, quiz generation and analytics, push notifications e.t.c. This application is being developed using MEAN javascript stack. A companion android application is also under development.</p>	
<b>Volunteer Activities</b>	<b>Executive member/Office bearer</b> <p>Forum for Aspiring Computer Engineers [FACE] Organized events and workshops, developed websites and designed posters for college fests and events. Conducted seminars and workshops that are aimed at imparting knowledge in the field of computer science at Amrita School of Engineering, Bengaluru. Details: <a href="https://faceaseb.wordpress.com">https://faceaseb.wordpress.com</a></p>	2014-2015
<b>Personal Details</b>	<b>Date of Birth</b>	12th October 1994
	<b>Linguistic Proficiency</b>	English, Hindi and Telugu
<b>Links</b>	<b>Website</b>	<a href="http://sricharanized.github.io/">http://sricharanized.github.io/</a>
	<b>LinkedIn</b>	<a href="http://github.com/sricharanized/">http://github.com/sricharanized/</a>