**K Pruthvi Raj** Mail id: [pruthvi318@gmail.com](mailto:pruthvi318@gmail.com)

R & D Engineer DevOps, Synopsys Inc. Mobile: +918688626141

LinkedIn: <https://www.linkedin.com/in/pruthvi-raj-053a1438/> Nationality : Indian

**Work Experience**:

**R & D Engineer Consultant at Synopsys Inc**. (March 2015 - Present)

* Part of the DevOps Team which manages VCS (Verilog Compiler and Simulator) and other Verification Products which are major revenue generator for Synopsys Inc.
* Written a tool in Perl l to generate test cases in combinations of flags randomly and schedule the same.
* Quickly gained expert level knowledge on two internal tools, debugged current issues in it and enhanced to make it product independent.
  + Tool for developers for checking effect of their changes on products.
  + Tool to test the product only when some once check-in changes into product
* Currently learning a tool (involving Perl, Bash, Python) which generates test cases with different combinations of flags dynamically
* Automated several tasks for the team and myself, which included utilization of Perl, Python, shell, SQL, PHP.
* Manager Award as recognition for my individual efforts to branch 1606 Release of VCS, the award is given to appreciate individuals who go above and beyond the call of duty to provide end results.

**Technical Skills:**

**Programming/Scripting languages**: C, C++, Perl, Python, HTML, CSS

**Platforms:** Linux (Ubuntu, rh5, rh6), windows

**Revision Control System: Perforce {Proficiency}**

**Relevant Course Work: Data Structures, Algorithms, Operating Systems**

**Education**:

**Embedded System coaching** (2014)

Certified, topper among the batch of 110 students.

**Sri Venkateshwara University** (2010 – 2014)

Bachelor’s Degree in Electrical and Electronics Engineering - 71%

**Narayan Junior college** (2008 – 2010)

Intermediate, MPC – 93.6%

**Sri Venkateshwara Children’s high school** (2007 - 2008)

10th class – 85%

Positions of Responsibility:

* RHAPSODY 2K13 (cultural fest): revenue of three lakhs with audiences around 15000, Core Member, Organizing Committee: mainly involved in two events room allocation and class/stage management for events.
* SPARX 2K13 (Inter-University Technical Fest -2013): revenue of 90,000 with audience of 10000,

Core Member, Organizing Committee: partially in all events.

* Organized an industrial trip managed 40 students for a single day to Sri city (Chittoor dist.) in final year of Bachelor’s Degree.
* Core Committee, Intra team Celebrations for VG-DevOps group of Synopsys Inc. Pvt. Ltd.

**Interests:**

* Undergoing official training for Badminton at Gopinath Academy.
* Travel and explore new places, culture and network with the society.