



# Vamshi Suram

## Resumé

### Interests

- Web Applications Development, Concept Design

### Experience

- Aug'13– **Software Engineer**, Shippable, Bangalore.  
Mar'14 Worked in developing operations dashboard for Shippable.
- Feb–June'11 **Project Associate**, IIT Madras, Chennai.  
Building mesh for ejection system using Ansys-ICEM CFD software for Computational Fluid Dynamics analysis of flow.
- July–Oct'10 **Management Trainee**, Coal India Ltd., Sambalpur, Orissa.  
Executive head of Hydraulic machines section, to look after performance of machines in the mines and take actions to reduce the down time of the machines.
- June–July'09 **Intern**, IP Rings Ltd., Chennai.  
Recognition of twist generating process in the manufacturing line of piston rings. Also suggested remedies for avoiding dissolution of lead in chrome plating process apart from project.

### Computer skills

- Technologies Nodejs, Expressjs, Angularjs, Docker, Git, D3js  
Languages Javascript, HTML, CSS, C, C++, MySql  
OS Linux

### Miscellaneous

- Ideas <https://github.com/ideasopencourced>, a place where I share my thoughts and ideas on technology, games in special.
- Opensourced  
Science Blog <http://redefinescience.blogspot.in>, a blog where I write about the science involved in small things we come across daily in our life.

### Education

- 2011–13 **M.Tech**, IIT Bombay, Department of Energy Science and Engineering.  
2006–10 **B.Tech**, IIT Madras, Department of Mechanical Engineering.

---

## Masters - thesis

Title *Study of electrical and thermal effects of shunts on performance of solar module*  
Supervisor Prof. Rajesh Gupta  
Description Initiated a different type of programming on the foundations of OOP, for developing circuit model of a module containing smaller circuits of solar cells. Analysis of loss in output power due to different problems in solar module was performed using Pspice circuit simulator.

---

## Bachelors - thesis

Title *Simulation of droplet evaporation*  
Supervisor Prof. Shamit Bakshi  
Description Worked on Matlab programming for simulation of evaporation rates of droplet for different configurations of droplet using Rapid mixing and Zero diffusion models. Also worked on FORTRAN program involving numerical simulation (CFD) of droplet evaporation.

---

## Extracurricular Activities

Sports Participated in Lawn tennis competition in PG Sports-2011 at IIT Bombay  
Organizing Involved in organizing events like Shaastra, Saarang, Mechanica at IIT Madras  
Games Participated in Intra-hostel competitions in carroms, table tennis, snooker