

Education

- 2009-
(expected)2013 **Bachelor of Engineering, Information Science and Engineering**, Visvesvaraya Technological University, B.M.S College of Engineering, Bangalore.
GPA:8.60/10.0
- 2007-2009 **Pre University College, Kumaran PU College, Bangalore**, First class with distinction (95%).

Skills

- Ability to work with people across countries and cultures.
- Problem solving.
- Knowledge of source control management systems like git.

Technical Skills

- Languages C,C++,Python,Java,JavaScript,Php,C#
- Frameworks Django,Qt,numpy,scipy,scikitlearn,nltk
- Others bash,awk,bf,perl,html,css,ajax
- <https://github.com/vinaysrao>

Projects

Academic **Centralized News Feed**

A simple to use news feed system that can be setup in no time. Includes a live news ticker, tag clouds, search(separate from content), comments. (Written in Php, ECMA + AJAX, MySQL)

Season of KDE 2011 **UI Config Compiler**

A compiler that converts configuration files written in simple XML, to equivalent Python script files. Specifically written for PyQt-UI configuration files size. (Written in C++)

Google Summer of Code 2012 **Save/load system for Gluon**

Gluon is a game creation and playing engine, written in Qt. I implemented a system to save and load game states, using scene graphs. Also substantially reduced saved game files' size. (Coded in C++)

Other Automated coding judge

Written in Django, this is a way to easily hold coding competitions, where users are given unique inputs, and are ranked based on difficulty and speed. (Python + Django)

Other Generic A* search

A generic implementation of A* search for in-game AI, calculated using any chosen heuristics (Python)

Co-curricular activities

- Open source contributor and developer for KDE
- Organized Software Freedom Day - 2011 and 2012 at BMSCE
- Conducted technical workshops and have been instrumental in organizing events for BMSLUG

Extra-curricular activities

- Completed senior grade in instrumental Carnatic music (Flute) and performed at many prestigious events and stages.
- Coordinator of the music team at BMSCE - won laurels on various occasions
- Cartooning, swimming, basketball

Additional information

Date of birth 15-05-1991