Vignesh Rajagopalan

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Achievements

- **Winner** at various programming events, including techinical fests at various universities.
- Co-developed mobile app "AstroLogic" **Top Recommended** in Nokia OVI store.
  - **90,000+ downloads** from over 115 countries
- "CampusPry" **featured** at "betali.st" - a directory of Startups
- **Ranked #2** in "Launch Attack", an ethical hacking contest conducted by **McAfee** at NIT Trichy.

Areas of Interest

- Algorithms and Data Structures
- Graph Theory
- High Performance Computing
- Web and Mobile Development

Projects

"**CampusPry**"**- Co-Founder** - January 2011 till Present
- An early stage start-up that targets the student community in the form of a new social networking website.
- Objective is to eliminate the usual trend of social-networking by modelling a unique network graph called the **"interest-graph"**.
  (PHP - Zend / MySQL / jQuery + AJAX)

"**AstroLogic**"**- Co-Developer -** December 2010 to February 2011
- A reasonably popular Astrology/Horoscope application developed for both J2ME and Facebook Platforms.
- **Top "Recommended"** at the Nokia OVI Store - Over **90,000 downloads**, from 115 countries.
  - References: Mr.Vidya Sagar. S (Founder and CEO), +91 7639 854 873, s4sagar@gmail.com
  (J2ME / PHP / MySQL / AJAX + jQuery / Facebook PHP-SDK)

"**Bluebattle**" **- Online Quiz Portal for IBM -** January 2011 to February 2011
- An online quiz portal, developed primarily for an event conducted by IBM
- Includes features like timed snap out, randomizing questions, and grading
- Also optimized for mobile view
  (PHP / MySQL / jQuery + AJAX)

"**Bluehat**" **- Chat Server -** June 2008 to January 2009
- A full fledged chat server that runs using my **own protocol**. (Deployed in Windows Server)
- Implemented my own **concurrency handling mechanism** with a **unique buffer management**
- Developed primarily for my high school project, and was awarded **"Best project of the year"**
- Was used by many students at school
  (Visual Basic / WinSock Control / Oracle environment)

Research Experience

Sanjith, Vignesh : *[On studying interactions in Online Social Networks](#)* - February 2011 till Present
- The task is to identify different types of applications which vary in the way the users of the application interact with each other. We prove that these applications differ in the way they acquire new users.
- We also try to prove that the spread of content in the real-world is modelled by diffusion models which assume that a few individuals set up long chain reactions enlisting more new users.

Co-curricular Activities

- An **elite member** of **GLOSS (G**NU **L**inux & **O**pen **S**ource **S**ociety) at my university.
  Roles include co-ordinating, and conducting sessions on various fields in FOSS, including Linux customizations and Hackathons.
- **Founding member** of the **Theoretical Computer Science Club** at SASTRA.
  Aims at encouraging students to participate in Online Programming Contests and other **related theoretical works** like discussing ways to solve a problem.

Extra Curricular Activities

- A recognized [Mrudangam](#) player (An Indian Percussion Instrument)
  - Performed in over 300 concerts
  - Winner in numerous competitions
- A self-taught guitar player.
- A street magician - Performed on various occasions. ;-)

Education

SASTRA University, Thanjavur, IN
B.Tech, Computer Science and Engineering, 2009 - 2013

Skill Set

- **Programming Languages :** C, C++, Java, Visual Basic, J2ME, Pascal
- **Scripting Languages :** BASH
- **Web Technologies :** HTML, CSS, Javascript, PHP, AJAX, jQuery, Zend PHP
- **DBMS :** MySQL, Oracle
- **APIs :** Facebook, Twitter