

# Vignesh Rajagopalan

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## CONTACT INFORMATION

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India

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www: <http://aarvay.in>

## AREAS OF INTEREST

- Data Structures and Algorithms
- Graph Theory
- Semantic Web
- Machine Learning

## EDUCATION

**SASTRA University**, Thanjavur, India

B.Tech., Computer Science and Engineering, 2009 - present.

**P. S. Senior Secondary School**, Chennai, India

General Schooling/High School, 1994 - 2009.

## ACHIEVEMENTS

- **Winner** at various Programming events, including technical fests at various universities.
- Co-Developed Mobile App *Astrologic* - **Top Recommended** in Nokia OVI Store - **90,000+ downloads** from over 115 countries.
- **Best Project of the Year '09** in High School for developing a full fledged chat server that runs on my own protocol.
- **Ranked No.2** in *Launch Attack*, an ethical hacking contest conducted by McAfee at NIT Trichy.
- **Top Finalist** in Yahoo Open Hack India, 2011.

## WORK EXPERIENCE

**FundsIndia Pvt Ltd.**

*Software Engineer Intern*

May, 2011 - Jul, 2011

Worked on the core online portal. Made it more viral by adding few usecases. Wrote a Facebook App to socialize the platform and an API to support interactions between the platform and the app. Wrote a fully customized parser to scrape a source and API(ze) the output into a neat JSON object.

**AstroLogic**

*Server-Side Engineer*

Dec, 2010 - Feb, 2011

Took care of the Server-Side scripting and Facebook Application.

## RESEARCH EXPERIENCE

- R. Vignesh, S. Vidya Sagar, Karthik Prashanth, *Context Analysis from Social Networks: A Robust Method to Identify Permanent and Current Interests* (unpublished)
- G. Sanjith, R. Vignesh, *On studying interactions in Online Social Networks* (unpublished)

## PERSONAL PROJECTS

- Co-founded **Campuspry Labs** – A 100% hacker-friendly early-stage startup. We work on building awesome products.
- Co-developed **AstroLogic** – A reasonably popular Astrology/Horoscope application developed for both J2ME and Facebook Platforms.
  - It became the *Top Recommended* app at the Nokia OVI Store in the first week of it's launch.
  - Got over 90,000+ downloads, from 115 countries.
- Developed an **Online Quiz Portal** for IBM's *Bluebattle*.
  - Includes features like timed snap out, randomizing questions, and grading
  - Also optimized for mobile view
- Developed **BlueHat** – A full fledged chat server that runs on my *own protocol*.
  - Implemented my own *concurrency handling mechanism with a unique buffer management*
  - Developed primarily for my high school project, and was awarded the *Best Project of the Year*
  - It was used by many students at school.

OPENSOURCE CONTRIBUTIONS	My opensource contributions are available in GitHub – <a href="http://github.com/aarvay">http://github.com/aarvay</a> . It includes some of my other small projects.
CO-CURRICULAR ACTIVITIES	<ul style="list-style-type: none"> <li>• An elite member of <b>GLOSS</b> (<i>GNU Linux &amp; Open Source Society</i>) at my university. Roles include co-ordinating, and conducting sessions on various fields in FOSS, including Linux customizations and Hackathons.</li> <li>• <i>Founding member</i> of the Theoretical Computer Science Club at SASTRA. It aims at encouraging students to participate in Programming events and help them with other related theoretical works.</li> </ul>
OTHER ACTIVITIES	<ul style="list-style-type: none"> <li>• A recognized <i>Mrudangam artist</i> (An Indian Percussion Instrument) <ul style="list-style-type: none"> <li>- Performed in over 300 concerts</li> <li>- Winner in numerous competitions</li> </ul> </li> <li>• A self-taught guitar player.</li> <li>• A street magician - Performed on various occasions.</li> </ul>
SKILL SET	<p><i>Programming Languages</i></p> <ul style="list-style-type: none"> <li>- C, C++, Java, Visual Basic, J2ME, Pascal, Ruby, Python</li> </ul> <p><i>Scripting Languages</i></p> <ul style="list-style-type: none"> <li>- BASH</li> </ul> <p><i>Web Technologies</i></p> <ul style="list-style-type: none"> <li>- HTML, CSS, Javascript, PHP (Zend,Yii), Ruby on Rails, AJAX, jQuery</li> </ul> <p><i>DBMS</i></p> <ul style="list-style-type: none"> <li>- MySQL, SQLite, Oracle, SQL Server, NoSQL(MongoDB)</li> </ul>