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## EMPLOYMENT

4+ YEARS

### CONSULTANT, CANVERA TECHNOLOGIES

JAN 2014 TO PRESENT

- Setup the application architecture & development process. Mentored the development team.
- Built high performance lightbox/slideshow with dynamic image scaling, load more & thumbstrips.
- Built a rails like asset pipeline using Grunt and made the application production ready.
- Performance Optimizations — Load time: From ~10 sec to 1 sec. Asset size: From ~1Mb to ~600Kb.

### FREELANCER

NOV 2013 TO PRESENT

- Built Urblotter ([app.urblotter.com](http://app.urblotter.com)) a betting website for FIFA 2014. (ROR, Angularjs, Sidekiq).
- Built a wikipedia parser and admin app for Today in History iphone app. (ROR, Nokogiri, Redis, Angularjs, Sidekiq, Mysql) — [github.com/rajegannathan/wikipedia-scraper](https://github.com/rajegannathan/wikipedia-scraper)
- Built Gre—flashcards: My GRE preparation android app using Wordnik API.

### FOUNDING MEMBER, F1CIRCLE.COM

JAN 2013 TO OCT 2013

- Built the complete application from scratch. (ROR, Angularjs, Memcached, Redis, Sidekiq, Mysql)
- Built Information extraction engine. It extracts name, place, & price info from user's posts.
- Played a major role in User acquisition, marketing and sales in addition to engineering.

### SOFTWARE ENGINEER, INSIDEVIEW INC

OCT 2011 TO MAY 2013

- Developed an award winning Company recommendation engine in Insideview Hackaton 2012. Built a Geo-spatial search application in the second hackaton.
- Developed in-product notification framework using Drools framework & Lucene indexes.
- Developed the Activitystream security framework using AWS Simpledb and using custom eventbus.
- Owned up Insideview's connections features and did a number of performance optimizations.

### SOFTWARE ENGINEER, UNITED ONLINE INC.

JUL 2010 TO SEP 2011

I worked on United Online's billing systems which dealt with financial data. As onboarding project, I built a RPC framework which was later used with Bogo filter for spam detection in Netzero emails.

## ACADEMIC PROJECTS

**infoquestgct.com** — The official website of Infoquest 2010. Developed user registration, virtual stock market, Online programming contest, online treasure hunt and custom captchas. **(PHP)**

**Online Judge** — Judge for evaluating submitted programs. Had customizable memory, file, process and time limits. **(C, GTK)**

**Real time desktop search** — A gui tool for fast desktop search. Uses watch descriptor to detect file system changes. **(C++)**

**SMS Simulator** — A network chat app with t9 dictionary implemented using trie. **(Java)**

## EDUCATION BACKGROUND

B.Tech, Information Technology, Government college of Technology. (7.99/10)  
XII, TN State board, Sakthi Vinayakar Hindu Vidyalaya, Tuticorin. (1091/1200)  
X, CBSE, Sakthi Vinayakar Hindu Vidyalaya, Tuticorin. (424/500)