

# Bala Subrahmanyam Varanasi

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## Summary

A Software Engineer with nearly four years of professional experience in the areas of Development, Design and Management of various Web and Mobile applications using Python/Django, Ruby on Rails and Android. Also, an Open-Source Enthusiast, loves to read and teach open source tools.

## Experience

### Software Engineer at TinyOwl Technology, April 2015 - Present

Involved in the process of refactoring TinyOwl app into micro service applications using Ruby On Rails, MongoDB, PostgreSQL, Redis, AWS and etc...

### Founder at Firebolt Labs, Aug 2014 – April 2015

Headed the day-to-day-operations, as well as handled the company's product and consulting projects.

### Software Developer at Crypsis Technologies, Sept 2013 - July 2014

Involved in the development of web and mobile apps using various technologies like Ruby on Rails, Android and NodeJS.

### Intern and Software Developer at Agiliq Info Solutions, Dec 2011 – Aug 2013

Worked with several clients across the globe on various projects and helped them in building various web and mobile apps using Python/Django and Android.

## Interests

FOSS, Web Development, Mobile Development, Machine Learning and Artificial Intelligence.

## Key Skills

Python, Django, Ruby on Rails, Flask, Android, HTML5, CSS3, jQuery, BackboneJS, GIT, Ubuntu, MySQL, PostgreSQL, MongoDB.

## Projects

### Open Source

- [Feature Development](#) in [django-graphos](#).
- [Bugfixes and pep8 improvements](#) in [scikit-learn](#).
- [pep8 improvements](#) in [joblib](#).
- [Sentiment Analyzer](#), a simple sentiment classification tool for Telugu Language.
- [Feature Improvements and Test Cases](#) in [Join.agiliq.com](#)
- [Improvements to code samples](#) in [DjenOfDjango](#).

### Django Applications

- [Sufo](#), an Educational Video site for Physicians.
- Feature Developments in [Suggestar](#).
- Customized the Django Admin CMS for [CineSport](#), an innovative web video syndication company.
- Feature Development in [TravelDojo](#), a company to create travel guides to the Southeast Asia region.
- Testing and Bugfixes [Ocassio Health Strategies](#).
- Seeded [HyderabadWiki](#) with Wikipedia dump in LocalWiki Format.
- [The Xaming Arena](#), a simple Online Examination system using Django framework.

## **Ruby on Rails Applications**

- [TinyOwl](#), a food ordering application.
- Mr Delicious, an online food delivery system.
- [Investment Club](#) by [StockViews](#).
- Feature Development in [Swym](#).
- [Virtual Analyst](#) by [Analytics Intelligence](#).
- Feature Developments and Test Cases Development in [Mega Golf Virtual League](#).

## **Android Applications**

- “Windows Ambassador”, an application by Microsoft.
- “Where's My App?”, checks the availability status of apps and games in the Windows Phone Store.
- [“Baby Names”](#), a simple android app to choose a baby name.

## **Publications**

“Python Requests Essentials”, a book which showcases fundamental as well as advanced Python Requests concepts. (ISBN-10: 1784395412) (ISBN-13: 978-1784395414)

## **Education**

- **Batchelor of Technology**, Information Technology from Vishnu Institute of Technology, 2008 – 2012.
- **Intermediate Education** from Santhiniketan Junior College, 2006 – 2008.
- **SSC** from G.V&K.B.M School, 2006.

## **As a Speaker**

PyCon India, 2013; SciPy 2011 & 2013 and CoDec 2012.