Bala Subrahmanyam Varanasi

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Summary

A Senior Software Engineer with more than five years of professional experience from design and document to implementation of various Web and Mobile applications using Python/Django, Ruby on Rails and Android in a fast-paced deadline oriented environments.

Technical Skills

Web Frameworks: Django, Ruby on Rails and Flask.
Programming Languages: Python, Ruby and Java
Scripting Languages: Python, Ruby and JavaScript
Databases: MySQL, PostgreSQL and MongoDB
Cloud Platforms: Amazon AWS and Digital Ocean
CI/CD Tools: Jenkins, Ansible and Docker.
Markup Languages: HTML5, Markdown and reStructuredText
Operating systems: Ubuntu and Mac OS
Mobile Development: Android
JavaScript Libraries: jQuery, BackboneJs (Basic), KnockoutJS (Basic), ReactJS (Basic)

Interests

Team Building, Product Development, Digital Media Marketing, Web Development, Mobile Development, OpenSource Software and DevOps

Experience

Senior Software Engineer at Glitterbug Technology, November 2015 – Present

- Build scalable software through architecture discussions with the leadership
- Participate with other teams, to provide solutions for our customers
- Manage Sprint/Development cycle for the development team and manage team during the cycle
- Determine complexity level of a story in a Sprint/Development cycle
- Communicate with leadership on current project status
- Error prevention and error detection possible
- Continuous integration
- Test-driven development
- Roundup or Track for bug tracking and project management

Software Engineer at TinyOwl Technology, April 2015 – November 2015
Responsible for developing and maintaining 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
Responsible for 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.

Projects

Django Applications
- [CoverFox Insurance](#), an online insurance destination.
- [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.

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](#)
- **[Improvments to code samples](#) in [DjenOfDjango](#).**

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

Education
- **Artificial Intelligence Nanodegree, Udacity,** January 2017 – Present.
- **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.