

# Lakshman Prasad

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## WORK EXPERIENCE

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- Consultant, at Merrill Lynch at Hyderabad, India. From November 2011 to Present:
  - Working on “Quartz”, an internal framework in Python for development of native and web clients.
  - Bank of America, ML and acquisitions have ~300 applications all of which are expected to be built on the Quartz framework with same libraries, similar UX and consolidated data of all trades and risks within a single system.
- Architect, at InMobi at Bangalore, India. From October 2010 to November 2011:
  - Responsible for the critical internal portal used by business teams for managing ads, sites, configuration etc.
  - Responsible for ad selection component software of the ad network, in transition.
  - Responsible, in a team, for setting the process and work-flows in using the version control system, build systems, building automated testing suite and continuous integration.
  - Job responsibility involves both to architect the systems rightly and delivery of the software, engaging with the QA, development and deployment teams.
- Partner, at Agiliq Solutions at Hyderabad, India. From February 2009 to September 2010:
  - At Agiliq, we bootstrapped and built a consulting firm for web development using Django and Python. We offered development to many in the international django consulting space, in a small team.
  - Other than development, we used to also deploy, monitor and maintain, by engaging in sysadmin tasks deploying apps on Amazon EC2, Google App Engine, Linode, Slicehost, dotcloud, ep.io and other VPS.
  - Built many closed source apps using third party API's including twitter, facebook, paypal, youtube, linkedin.
  - Developed several django pluggable applications, and open sourced a few including the famous django-SocialAuth, the first of its kind.
- Senior Software Engineer, at Oracle India at Bangalore, India. From May 2008 to February 2009:
  - Worked on JD Edwards Enterprise One, ERP system in interoperability with Oracle Fusion Middleware using web services. - Included exposing REST and SOAP services for various ERP functions.
- Software Engineer, at Infosys Technologies at Bangalore/Mysore, India. From Nov 2006 to May 2008:
  - Built an automated testing suite using QTP for the British Telecom provisioning system. - The framework built was incorporated org (BU) wide, as a standard then, for automated tests. Also built a internal portal for “Swapping the location allocated to trainees” for use in our batch of 1000 trainees, that was enhanced and standardised to be actually used subsequently.

## NOTABLE PUBLICATIONS

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- My article on using django on AppEngine is linked to, by the Google AppEngine Team, on their blog. <sup>[4]</sup>
- My Python wrapper for the bing API is linked to, by the Microsoft Bing team, on their blog. <sup>[3]</sup>
- Co-Authoring an e-book on “Django design Patterns.” <sup>[2]</sup>

## NOTABLE PRESENTATIONS

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- Presented at Great Indian Developer Summit 2011 on “djangoic approach to implement common web development paradigms” at IISC. <sup>[10]</sup>, and in 2010 on “Building pluggable web applications using django.”
- Presented at Pycon India 2010, on “Paradigms of Web Development and comparison of development approaches using Google App Engine and Django.” and at Pycon 2011 on “Deploying and Hosting of your Python webapps.”

- Presented at Foss.in, 2009 on “Django’s internals and how to use Python Meta classes to do magic.” [9]
- Presented at “Pecha Kucha Nights, Hyderabad”, on “Hackers and Painters.”

## CONVERSANT TECHNOLOGY STACK

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- Comfortable using the Django-Python stack on server in all its configurations with many reusable applications and deploying on WSGI with MySQL/PostGres for db and Memcached/Redis for cache on a custom VPS and many cloud hosting providers.
- Also interested in Flask, SQLAlchemy, Jinja2, Bottle, Google App Engine and track them.
- Aware of all major Open Source libraries in Python and Django. Also familiar also with the Ruby eco-system.

## EDUCATIONAL INFORMATION

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- Graduated in E&C engineering at Visveswaraiah Technological University, at Malnad College of Engineering, Hassan in the year '06.

## OTHER RELEVANT INFORMATION

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- Active user of Stackoverflow, a programming community. Among the top 3% of all users in reputation. [8]
- Actively involved in the development of Django web framework. Also track the development of: Flask, pip, iPython and bPython consoles.
- Passionate about right version controlling and an expert in Git Version Control System. Currently writing a book on Git to be available at gitcommit.com.
- Love functional programming, Clojure is an actively pursued interest. - Implemented a simple POS, in Excel using builtin functions. [11]

## LINKS TO VARIOUS WEB RESOURCES

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[1]	Blog, linkedin	<a href="http://becomingguru.com">becomingguru.com</a> <a href="https://www.linkedin.com/in/becomingguru">linkedin.com/in/becomingguru</a>
[2]	Co-Authored Book: Django Design Patterns	<a href="http://uswaretech.com/books/djangodesignpatterns">uswaretech.com/books/djangodesignpatterns</a>
[3]	Bing blog featuring Python wrapper	<a href="http://bing.com/community/site_blogs/b/developer/archive/2009/06/10/bing-it-on.aspx">bing.com/community/site_blogs/b/developer/archive/2009/06/10/bing-it-on.aspx</a>
[4]	Google App Engine blog featuring my tutorial on App Engine	<a href="http://googleappengine.blogspot.com/2009/08/recent-happenings-ticktock-parallel.html">googleappengine.blogspot.com/2009/08/recent-happenings-ticktock-parallel.html</a>
[5]	Some closed source projects	<a href="http://gqtool.com">gqtool.com</a> <a href="http://inmobi.com">inmobi.com</a> <a href="http://jobboardshq.com">jobboardshq.com</a>
[6]	Open Source Projects	<a href="https://github.com/becomingGuru">github.com/becomingGuru</a>
[7]	Social authentication plugin	<a href="https://github.com/becomingGuru/Django-Socialauth">github.com/becomingGuru/Django-Socialauth</a>
[8]	Profile on Stackoverflow	<a href="http://stackoverflow.com/users/55562/lakshman-prasad">stackoverflow.com/users/55562/lakshman-prasad</a>
[9]	Presentation at Foss.in '09	<a href="http://agiliq.com/blog/2009/12/fossin-2009-the-best-fossin-ever/">agiliq.com/blog/2009/12/fossin-2009-the-best-fossin-ever/</a>
[10]	Presentation at GIDS '11	<a href="http://devmarch.com/developersummit/2011/speakers.html#Lakshman_Prasad">devmarch.com/developersummit/2011/speakers.html#Lakshman_Prasad</a>
[11]	Functional Programming	<a href="http://stackoverflow.com/questions/266569/whats-your-first-program-that-you-were-proud-of/1139275">stackoverflow.com/questions/266569/whats-your-first-program-that-you-were-proud-of/1139275</a>