

Vinay Raghavan K S

Résumé

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Technical skills

Operating Systems	Gnu/Linux (various flavours), HP-UX, Sun Solaris, IBM AIX, MS Windows	Programming Languages	Python, C, C++, UNIX Shell scripting, Java, Javascript, Perl
Development Tools/envs	Vim, CVS, svn, git, bash, ksh, Eclipse, Cygwin, gdb/dbx/wdb, pdb, L ^A T _E X	Databases	Oracle, MongoDB, MS-SQL, MySQL
Enterprise Software	Jiva population healthcare management solution, Finacle suite of banking products, ThunderHead Document Automation System, BIH Data Integration Platform	Software utilities and frameworks	RabbitMQ, Jenkins, Splunk, Mongo MMS, AWS Boto library, github Developer APIs, Apache suite, Rational Purify suite, Google App Engine, IBM WAS, HP FireBolt suite,
Domain	Healthcare IT, Banking and Financials IT, Financial Systems, Reporting and Document Generation		

Experienced in Systems Architecture Design and Implementation, DevOps Engineering, Software Automation and Tools, Software Interfaces Design and Implementation, Systems Integration, Build-Release and Framework Design and Development for Continuous Integration and Continuous Delivery, Systems and Process Workflow Design, Performance Engineering, Code coverage and profiling, OOAD-OOP, SOA frameworks, Test Driven Development, Toolchain Design and Development, Metaprogramming, Test Automation Framework Design and Implementation, Cloud Infrastructure Engineering (Amazon Web Services)

Education

September 2001 – July 2005 **Bachelor of Engineering, Computer Sciences and Engineering**, VTU Belgaum, First Class.

June 2001 **AISSE, Class XII, CBSE**, Distinction.

June 1999 **AISSE, Class X, CBSE**, Distinction.

Work Experience & Career Chronology

July 2013 – Present **Tech Lead, Software Tools, Utilities and Automation team, ZeOmega Infotech Pvt Ltd, Bangalore.**

Tech Lead @ DevOps and Tools team. Responsibilities include design and development of software tools and frameworks aimed at build/release/delivery for SaaS and hosted solutions of Jiva PHMS. Also, designing and developing the internal software tools aimed at internal developer community, with objectives being better source code and infrastructure management. The role also includes catering to design and development of automation and utilities for the firm's flagship product - Jiva population healthcare management solution.

Role: Tech Lead. As part of DevOps @ ZeOmega, designed and implemented various tools and utilities for the product (task scheduler etc) and automation of build/release/delivery pipeline, and tools for deployment/monitoring/failover. Led and mentored a team of developers during the course of the project. Currently exploring Puppet/Ansible/OpenStack/Sensu/docker/Vagrant and building tools around them.

Tools/Technologies: Python, Linux, Shell scripting, Web programming, Zope framework, GitHub Dev APIs, Amazon Web Services, AWS boto, RabbitMQ, MongoDB, Python APScheduler

- January 2013 **Independent Consultant and Programmer, Technology Consulting, Bangalore.**
 – July 2013 Independent programmer and technology consultant specializing in matters related to open-source software, software tools/frameworks and systems integration.
- Role:** Programmer and Technology Consultant
Tools/Technologies: C, Python, Linux, UNIX, Shell scripting, Web programming, XML, Oracle, MongoDB, GitHub APIs, Jenkins, AWS
- October 2011 **Product Technology Lead - ANZ Singapore Implementation Team, Systems Integration Team,**
 – December 2012 *Finacle, Infosys Ltd, Singapore.*
 Designed and implemented enhancements to systems interfaces from Finacle to various ANZ systems (ThunderHead, BIH etc), providing complete automation of statement, advice and report generation with a non-native interface from Finacle to ANZ systems.
 As an implementation consultant part of Finacle-ANZ implementation team, designed and implemented solutions for various software enhancements and customization to existing interfaces between ANZ and Finacle Core Banking systems.
- Role:** Led and mentored a team of developers and analysts as a Team Lead and Implementation Consultant, for design and development of enhancements and customization for ANZ Foundation Programme and ANZ Philippines/HK.
Tools/Technologies: C, C++, Python, Java, UNIX, Shell scripting, Finacle scripting, XML, BIH/TH systems, Javascript, Oracle.
- April 2010 – **Product Technology Lead - Finacle Core Engg., Mysore, Tech Lead - Localization Framework,**
 September 2011 *Finacle Technical Delivery Group, Infosys Ltd, Mysore.*
 Designed and implemented enhancements and new features in internal tools, infrastructure and frameworks for the newly carved Localization layer for the Finacle product. End to end implementation of extension of tools for Localization layer provided ability to design/code/implement/package geographic locale specific solutions within the Finacle CBS. As part of the systems optimization project handled performance enhancements for the product.
- Role:** Led and mentored a team of developers and analysts as a Product Lead, for design and development of Localization layer of the Finacle CBS.
Tools/Technologies: C, C++, Python, Java, UNIX, Shell scripting, Finacle scripting, XML, Purify suite, Oracle.
Accolades: Awarded the quarterly GEM award for Team Excellence.
- October 2009 **Technology Analyst - Finacle Core Engg., Mysore, Finacle 10 Beta Build and Release Ops, Finacle**
 – March 2010 *Technical Delivery Group, Infosys Ltd, Mysore.*
 Implemented features and enhancements to Finacle CBS build and patching systems, patch maintenance systems and related internal tools and infrastructure. Part of the most ambitious Finacle 10 Beta Program that offered a host of new features and improvement in productivity of Finacle CBS.
- Role:** Led a team of developers as a Lead Developer, for design and development of enhancements to build, release and patching systems of Finacle CBS.
Tools/Technologies: C, C++, Python, Java, UNIX, Shell scripting, Perl, Build and Release toolkit (internal), Test Automation framework (internal), Finacle scripting, Oracle.
Accolades: Awarded the quarterly GEM award for Team Excellence.
- October 2008 **Module Lead - Finacle Core Engg., Mysore, Finacle 10 Beta Program, Finacle Core Engg, Infosys**
 – September 2009 *Ltd, Mysore.*
 As Module Lead being part of Finacle 10.1 Beta program, implemented a host of new features and enhancements to the product. Design and implementation of Restricted Account Access Monitoring System and Foreign Cheques collection module, to name a few. Dabbled with OpenSolaris to roll out a custom distro for Finacle development.
- Role:** Led and mentored a team of developers as a Lead Developer, for design and development of new features and enhancements for Finacle CBS.
Tools/Technologies: C, C++, Python, Java, UNIX, Shell scripting, Build and Release toolkit (internal), Finacle scripting, Javascript, Oracle.
Accolades: Awarded the quarterly GEM award for Team Excellence

July 2005 – **Software Engineer - Finacle Core Engg., Mysore, Infosys Ltd, Mysore.**
September 2008 Started off as rookie software engineer in Finacle business unit. Implemented a host of new features and functionality in the Wealth Management Systems module of the Finacle CBS. Implemented enhancements to internal tools and frameworks.

Role: Developer; designing and implementing new features to WMS module of Finacle CBS.

Tools/Technologies: C, C++, Java, UNIX, Shell scripting, Finacle scripting, Oracle, Javascript.

Projects of Interest

- **ReqBlood - an app to tweet blood requests over SMS**

A recently developed app to allow people to tweet a blood request through an SMS to 55444.

twitter.com/reqblood

Uses: Python, Google App Engine, 55444 SMS platform

- **Dhvani TTS**

A TTS system for Indic languages. Contributed in testing and minor fixes.

dhvani.sourceforge.net

Uses: C, GNU/Linux, Python

- **Chiguru Linux**

A volunteer effort as part of a group of technology enthusiasts that rolled out a Linux distro targeted at Kannada users.

sourceforge.net/projects/kannada/files/Chiguru/

Uses: GNU/Linux, Remastering utilities, shell scripting, Python

Talks given, Workshops/events participated in

May 2014 **rootconf 2014, Bangalore.**

Participated in the conference and workshops.

April 2008 **GNU/Linux Habba, SERC, IISc, Bangalore.**

Presented a talk on GNU/Linux for Kannada users.

Hands-on workshop on various utilities available for Kannada on Linux.

September 2008 **GNU/Linux Habba 2.0, University of Mysore, Mysore.**

Presented a talk on FOSS utilities/alternatives for students.

February 2009 **GNU/Linux Habba 3.0, NMAMIT, NITTE.**

Presented a talk on FOSS utilities for engineering students.

Participated in development and launch of Chiguru Linux, a distro made for Kannada users.

Interests and Hobbies

- A staunch believer and an enthusiast of FOSS/Open Source philosophy/software.

- An avid reader on technology, non-fiction books and websites.

- Hobbyist digital artist.

Other details

- Date of Birth : 12 September 1983

- Nationality : Indian

- Valid passport : Available

References

- Can be provided upon request.

Declaration

- I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Bangalore

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