

MRITYUNJAY RAVI IYER

OBJECTIVE

To work in a challenging and innovative environment that will allow me to learn and grow as a software engineer and manager

MANAGEMENT EXPERIENCE

Oct 2008 - July 2011 Atlantis Computing

*Engineering
Project Manager*

- Experienced in project management, project/issue tracking and people management.
- In charge of all research and development projects conducted in the Bangalore centre.
- Handled delegation and management of development support for customer issues.
- Managed development support for Sales Engineering team.
- Experienced in managing projects with both local and remote team members.
- Managed multiple projects running simultaneously.
- Trained and mentored team members in Agile software development.
- Handled technical recruitment and induction.
- Liaison between US and India teams for projects planning and delegation.

TECHNICAL SKILLS

*Programming
Languages*

- Ruby, Python
- Learning Clojure and Erlang

Development

- *Operating systems:* GNU/Linux (use and development), Windows (use)
- *Frameworks:* Rails (Ruby on Rails)
- *Virtualization:* VMware, Qemu
- Working knowledge of Unix System Programming
- Good knowledge of Shoes (Ruby based GUI toolkit) and working knowledge of Gtk (Rubygtk)
- Experience in full software lifecycle (ideation and design, development, testing, packaging and deployment)
- Good knowledge of Linux OS customization and packaging
- Good at rapid prototyping of ideas
- Experienced in Customer support and interaction

Tools

- *Version control tools:* Git, Subversion
- *Project management tools:* Jira, Green-hopper, Bugzilla, Trac, Pivotal Tracker
- *Development tools:* Firebug

TECHNICAL EXPERIENCE

Aug 2006 - Present Atlantis Computing

Atlantis Webtop

- **User signup system:** Webtop was a web-based service which allowed users to subscribe to desktop applications hosted on the cloud and access them using them remotely using a web-browser. This project allowed users to signup, create default user data and subscriptions and send an email on account creation. The project involved:
 - Requirement gathering
 - Database design
 - Design and development of the web-based system
 - Development of an automated mailer for signed-up users

- Development of an automatic backup system for the database
- Technologies used: Ruby, RoR, Action Mailer (RoR), Postgres, Slony, Gentoo Linux
- User management system:** Designed and developed a comprehensive user management system written in RoR and integrated with the Linux (Gentoo) user environment. The system involved user quota management, access rights, subscriptions etc.
- User chat integration:** Designed and developed a user chat system integrated with RoR backed UI using ejabberd and JWChat.
- User monitoring:** Designed and developed a user monitoring framework to record usage, geographical access, subscription usage, report generation and trend generation.
- Google gadget:** Delivered a complete webtop access console re-written and miniaturized to work within a google gadget (XML and RoR)

Atlantis Unity

- Active Directory:** Developed the active directory integration for Atlantis Unity using Ruby, Ldap and RoR. The system enabled active directory to manage users, permissions and secure login using AD credentials.
- Netboot:**
 - Designed and developed a PXE-boot Knoppix based JeOS. The JeOS allowed diskless clients to boot into a custom environment and seamlessly startup a Windows based virtual machine image using Qemu built into the JeOS.
 - Enhanced the JeOS to use Ubuntu as a base. The user can select a Windows based virtual machine image and boot into it seamlessly using VMware Player built into the JeOS. Worked with Etherboot gPXE team to integrate gPXE with the Atlantis Netboot solution.
(<http://etherboot.org/wiki/appnotes/authmenus>)

Atlantis Ilio

- Installer:** Designed and developed the email integration to the installer using Ruby and Dialog (Linux).
- Monitoring:** Designed and developed a notification system to inform administrators regarding server failure, failover or failback (in a high availability environment) using the integrated email system, using Ruby and Erlectricity integrated with the Erlang backend.
- Configurator:** Designed and developed an installer/configuration generator using Ruby/Shoes. The configurator managed networking, installation details and deployment details needed to install/deploy the product.

MANAGEMENT EXPERIENCE

Oct 2008 - Present

Atlantis Computing

- Research and development lead (Bangalore) since October 2008
- Handling project management, delegation and interaction with senior management.

ACADEMIC QUALIFICATIONS

<i>B.E. Computer Science</i>	Dayananda Sagar College of Engineering Bangalore, Karnataka (VTU)	2006
<i>Standard 12</i>	National Public School (CBSE) Bangalore, Karnataka)	2002
<i>Standard 10</i>	National Public School (CBSE) Bangalore, Karnataka)	2000

ACHIEVEMENTS

- Was part of the team that suggested a changed university syllabus, for the seventh semester laboratory. The team's suggested syllabus is being currently implemented.
- Was part of the team that wrote the manual (now part of standard VTU syllabus) for the seventh semester laboratory as well as complete solutions and open-source simulator.
- Organized and co-ordinated the team that conducted a mock placement for the third year students of the Computer Science department, involving complete mock company presentation to H.R. etc.
- Was part of the team that organized the Entrepreneurship Development program for the final year students of our college in the year 2004.

PERSONAL DATA

- *Name:* Mrityunjay Ravi Iyer
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