

Vinod Panicker

<http://doniv.org> | vinod@doniv.org
+91 9821345821

A dedicated and passionate person with nine years of experience in the Software Industry, mainly in server-side technologies. Well-versed with various techniques for performance, distributed systems, scalability, high-availability and knowledgeable in various technologies and platforms. Possessing seven years of experience in leading a product development team.

Work Experience summary

Beginning a career as a faculty member at [NIIT](#) helped reinforce key concepts and communication skills. Joined [Geodesic](#), a one-year-old software company, after a year at NIIT. Gained a lot of exposure on various technologies and became a key member of the organization. Led a team from the onset and have delivered multiple products, mainly on the server-side.

Geodesic Information Systems Ltd. (June 2000 to present)

Currently designated as Principal Technologist, responsibilities include product delivery, technical assistance for other products and marketing support for the company's products. Product experience details in reverse chronological order follow.

Mundu Server 2.0 – <http://www.mundu.com>

Product owner and architect for the second version of the Java 6 based Mundu Server and its various supporting functions. Led a team of eight people and using an Agile process successfully delivered a system that was load tested for over 120,000 concurrent working clients per instance, over 250,000 clients in distributed mode and over 6,000 transactions per second while maintaining response times within 100 ms.

The Mundu Server is the XMPP communications backbone of the Geodesic messaging products. It is founded on a custom framework that provides features such as database support, distributed sessions, logging, asynchronous messaging, network i/o, caching, administration interface, and high-availability communication links, enabling rapid development of components that implement internet protocol standards.

Some features of the server -

- Complete XMPP support including support for popular extensions (XEP's)
- REST based API's
- Scalable and high-performance
- Support for partitioned databases
- Anonymous messaging support
- HTTP based presence retrieval
- Automated testing feature for running hundreds of functional and regression tests

IMaround – <http://www.imaround.com>

Architected and led the development of the second version of IMaround based on Java and J2EE. Developed the first version using PHP and a modified Apache server.

A patent pending product, IMaround was one of the first AJAXy applications on the web, even before the term was coined. It allowed users to embed their presence into web pages and emails, enabling viewers to start an IM conversation with them instantly, without having to install any additional software. The chat was near real-time and the user experience was like a normal desktop application. The first version went live on Indiatimes.com's email and dating services. The second version has been licensed to various partners and clients.

Mundu Messenger and service components

Architected, co-developed and co-managed the first version of the Mundu Messaging service, the first product of the company to be licensed to a third party and deployed live by Indiatimes.com. Managed the product delivery of the second release to Indiatimes.com.

The Mundu Messenger client was one of the first to support the various public IM systems (Yahoo!, MSN, ICQ, AIM) and was the first to support cross-conferencing.

Contributions

- Fronted the company for various client meetings both within and outside the country, including Google among other major companies.
- Technical advisor for the company's major products.
- Part of the company's SEPG group and implemented an Agile process within the team.
- Put together the technical infrastructure for software development in Geodesic including issue tracking, source control, build and project tracking systems.
- Set up and trained the QC team for the company.

NIIT Ltd. (June 1999 to June 2000)

Faculty member at NIIT

Designated as trainee but was entrusted with training responsibilities within three months. Sent for training to Delhi for an advanced ATL COM course and was responsible for batches in various subjects at two of the most important centers in Mumbai. Received high feedback ratings from both career students and working professionals.

Other contributions

- Member of the XMPP Software Foundation, contributed to developing the new version of

the XMPP RFC and other XEP's.

- Contributor to the Apache Software Foundation's [MINA](#) project.

Interests and extra curricular

- Webmaster and ex-moderator of [6okph](#), India's most respected motorcycle travel group.
- Motorcycle touring. Have been on many long distance rides to remote parts of the country.
- Photography. [Photographs](#) licensed under the [Creative Commons](#). Contributor to [Wikipedia](#) and some photographs have been nominated as [featured pictures](#).
- Hardware mashups. Love to put together cost-effective and feature rich combinations for home/work.
- Member and Webmaster of [Dirt Track Productions](#), makers of the National award winning documentary [Riding Solo To The Top Of The World](#). Our next documentary named "[One Crazy Ride](#)", is based on our expedition to [Arunachal Pradesh](#) and is currently in post-production.

Educational qualifications

- M.Sc (IT) from Karnataka State Open University
- GNIIT from NIIT Ltd.
- B.Com from Mumbai University

Other information

- Date of birth – 18 April 1979
- Current location – Mumbai, India
- Marital status – Married
- Valid US B1/B2 visa till 2013

Technical expertise cloud

agile ant apache api architecture automation aws berkeley-db
bugzilla C++ coherence com concurrency databases dependency-
injection design distributed dom4j eclipse encryption
framework gwt high-availability html http/s ioc j2ee java
javascript jboss jcs jdbc jetty jms junit linux load testing
mac os x maven memcached mfc mina ms-project
mysql php postgresql proxy pki rest sasl scalability
security sql-server subversion sybase tcp/ip terracotta
testng tls uml visual-basic vss windows xml xmpp xpath
xtreme-programming yourkit