

# VINEED UNNIKRISHNAN



zinwith@gmail.com



+91-9160110172



#400, Above Euro Kids,  
Opposite Swagath Hotel,  
Chandanagar, HYD - 500050



05 OCT 1987

## EDUCATION

### Post Graduation

(Jan 2013 – Present)

### **MBA (SMU-DE – Distance Education)**

### Under Graduation

(July 2005 – May 2009)

**Vellore Institute of Technology (VIT)** – Tamil Nadu, India  
**Bachelor of Technology** in Computer Science and Engineering  
**CGPA – 9.0 on 10**

### Secondary and High School

(March 2005)

**The Indian School** – Kingdom of Bahrain  
XII<sup>th</sup> Standard (CBSE) – 88.8%

(March 2003)

**The Asian School** – Kingdom of Bahrain  
X<sup>th</sup> Standard (CBSE) – 88.8%

## PROFESSIONAL PROFILE

- 3.5+ years of experience in Recovery Infrastructure domains in Banking Industry as a software developer in J2EE web application using FLEX
- Received 9 awards during the project term (2010 to present)
- Received a Platinum award (for period Jul – Aug '11), which is the highest award in the organization – Given for single handedly taking care of the biggest release of the project in a time of crisis.
- Received a JDIC for the implementation of a Wizard, which reduces the complexity for users.
- Working on all levels of SDLC Model, and gained experience on the overall structure.
- Good communication skills and ability to maintain rapport with users of other geographical zones.
- Mentored new associates and took up full responsibility for their transition into Project

## SKILL SET

Languages	Java EE, FLEX, ActionScript, SQL
Tools	Eclipse IDE, Adobe Flash Builder 4.5 Hudson, SVN Repository, Putty, SQL Developer
Operating Systems	Windows, LINUX
Scripting Languages	Shell Scripting in Unix
Other	Ehcache, JMS, XML, Hibernate, JBoss, Log4J, Groovy
Programming Concepts	OOD, MVC, Enterprise Archive Files (EAR) Deployments, Multithreading

## PROJECTS@WORK

ART (Application Recovery Tool) - **Lead Developer**

Aug. 2009 – Till Date

### Description

ART (Application Recovery Tool) is a tool used to automate the recoveries of application from an easy-to use console. It is a client-server based application that provides a rich user interface inside of a web browser and a service layer that runs in an application server. Originally developed by Meryl Lynch, it is used for the disaster recovery testing of Mid-Range Unix & Wintel environment applications.

### UI Development

The Flex project contains the Flex components and ActionScript 3.0 code, when compiled to Flash SWF provide the user interface for the tool.

Responsibilities involve designing the layout, and overall 'look and feel' of the new requirements which are UI based, and get the confirmation from the clients before proceeding with the development.

For these demo's, a prototype is created using Flash.

### Backend Development

The Java project that contains Java classes, EJBs, and Groovy scripts that when built into the EAR package provide the services for ART, which is then deployed on a JBOSS server.

Messaging within the ART services is done through JMS queues managed in the JBoss application container and the Flex user interface uses the Mate framework to manage the events and to provide a MVC structure.

Communication from the ART UI to the JEE Services happens via XML messages (using Flex serialization on the client and XStream libraries on the server to handle serialization and de-serialization from objects to XML) and AMF (Action Message Format) binary messages.

Ehcache is used for its caching mechanism, and this enables replication among the six globally spread Unix servers. The tool also uses an Oracle 11g Database mainly from a reporting standpoint (JPA and JDBC)

### Business Support - Marketing the Tool

Being the oldest member of the team, gives me the advantage of helping out in delivering the tool demo's to the SA clients. These SA's span over different geographical zones, and use different setups for their DR environment. Therefore, it is a constant learning model. Process steps are as follows.

- Initiate discussions with SA clients to understand their setup, and confirm feasibility for integration.
- Setup further discussions to present the demos for the tool, to give them a basic understanding of the features, and what they could expect from integrating their application with us.
- Set up the server SSH keys for their remote hosts, and guide with Tectia installation in case of windows hosts.
- Get their components details, and assist with configuration of the application.
- Run pretests to verify the SSH connectivity, and ensure that the status commands are working for the different environments.
- Be involved on call during their DR exercise, and provide ample guidance to ensure that the test is completed within the prescribed timelines.

## Other Responsibilities (Apart from development)

- Manage requirements. Keep a track of all change requests raised by the client and maintain documentation
- Clarify Requirements. Initiate discussions with the clients and Development team to understand the feasibility of the requirements and obtain clarity on it.
- Deployment and testing of the application (on QA and Production environments)
- Identifying and fix the root cause of the bugs
- Review and propose alternatives to critical issues and analyzing the impact of the changes
- Documentation of the process and updating the knowledge repository

## ACADEMIC PROJECTS

### **Performance Optimization of MPIBlast**

January – May 2009

Description: Blast is used in genetic data mapping, The databases that need to be checked run into gigabytes, and this often creates time issues. An MPI (Multi processed interface) for Blast was releases which enables users to use multiple nodes, with one master, and the other slaves executing the data search and manipulation.

The project dealt with the performance analysis of the various versions, and the most efficient setup

Technology: Linux, C++

### **Image Cryptography**

August – October 2008

Description: Created a tool using Matlab for encryption of an image inside another image. The tool also provided a dual encryption methodology, wherein the encryption of the image also depends on the passkey entered by the user, which will be required for correct decryption of the image

Technology: Matlab

### **TTMS (Time Table Management System)**

January – March 2008

Description: Created a tool which automates the procedure of time table generation (for students and staff). This tool would randomly generate the schedules based on the user input.

Technology: JAVA with JSwings (Netbeans IDE)

## EXTRA CURRICULAR ACTIVITIES

- Keen traveler, and seek out destinations in India that are less travelled
- Travelled cross country in 20 days (Kanyakumari to Kashmir via Ladakh)
- Was part of an expedition to Highest Lake (Tilicho, Nepal) and was among the two out of five to complete.
- Trekged to Malana (considered oldest living democracy in India)
- Help out YFS (Youth for Seva, Hyderabad) on their charity ventures
- DSLR Photography is a newly acquired passion, and helps document the places I visit
- Hobbies include Reading, Swimming, Yoga and Comparative Religion Studies