

# Mukund Deshpande

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## Experience Summary

- An accomplished software engineer in Java & J2EE, Unix/Solaris, Design Patterns, IT Solutions space with close to **FIVE years** of experience
- Employed and worked for over 4 years with Sun Microsystems India Engg Center, Bangalore, India
- Constantly recognized by clients and peers for the quality of work and productivity
- Have implemented complex applications from concept till end-of-life
- Proficient in analyzing problems, identifying root causes and implementing solutions
- Managed front ending operations of customers and their expectations. Resolved Tier 2/3 issues escalated by the customers. Very well adept in handling customer issues
- Ability to work independently, high adaptability, quick learning and good communication skills have helped me gain accolades in terms of awards and recognition.
- Excellent communication skills & Interpersonal Skills
- Excellent knowledge of Quality Process, testing cycle and releases
- Highly experienced in Product Designs, Development, Implementation, Testing, Test Automation, Roll-outs, for Enterprise Solutions.
- Strong & exposed to SDLC of IT Products & Solutions
- Excellent in SSO, CDSSO, Liberty, SAML and resolution of problems pertaining to these.
- Have the working knowledge on Payment Systems. Currently working on Amazon's Flexible Payment Service. (Amazon Web Services Stack)

**Currently working** as Application Engineer with Amazon India Pvt. Ltd, Bangalore, India

## Technical Expertise

	Primary Skills	Secondary Skills
Programming Language	Java, J2EE	C, C++
GUI Programming	AWT, SWINGS	Flex
Markup Languages	HTML, XML	
Modeling	UML	
Operating Systems	Windows, Unix (Flavours: Solaris, Linux)	
Version control tools	CVS, SVN, Perforce	
Bugtracking tools	BugTraq, Remedy	
Database	MySQL	Oracle
Scripting	Unix Shell, JavaScript.	Perl
Webservers / Appservers and Other servers	Sun Appserver, Tomcat, Sun Access Manager, Sun Directory Server.	Sun Webserver
Frameworks	JSF	Hibernate, Spring, Struts
Middleware	Web Services (WSDL, UDDI, SOAP), JMQ	
IDE	NetBeans, Eclipse	
Debuggers/Profilers	JPDA Debugger/ NetBeans Profiler	Jhat (Java Heap Analysis Tool)

Packaging	Ant, Maven, Makefile
Soft skills	Excellent oral & written Communication, Quick learner, Versatile with good Presentation skills.

### Employment Summary

Name of Organization	Designation	Duration
Knowledge Systems P. Ltd, Bangalore (now CIBERsites India Pvt. Ltd.[www.ciber.com]) – worked as a contractor for Sun Microsystems India Pvt. Ltd. (www.sun.com)	Software Engineer	Jul 2003 – Jul 2004
Sun Microsystems, India Engineering Center, Bangalore (www.sun.com)	Member Technical Staff	Jul 2004 - May 2008
Amazon India Pvt. Ltd. (www.amazon.com)	Application Engineer	May 2008 – till date

### Education

Degree	Branch	Year	College/Institute	University
Bachelor of Engg.	Computer Science & Engineering	1999 - 2003	Guru Nanak Dev Engg. College, Bidar, Karnataka State	<a href="#">Vishweswaraiah Technological University,</a> Belgaum, Karnataka State

### Presentations

<ul style="list-style-type: none"> <li>Conducted corporate training for HCL on Sun Java Enterprise System in 2006. (www.hcl.in)</li> </ul>
<ul style="list-style-type: none"> <li>Presented Technical Paper in a seminar on Sun Java System Access Manager and Web Security at Wipro in 2007 (www.wipro.com).</li> </ul>
<ul style="list-style-type: none"> <li>Accompanied Marketing Team at Sun Microsystems India Pvt. Ltd. for many Technical Presentations to the customers on Sun Java System Access Manager.</li> </ul>

### Awards & Recognitions

<ul style="list-style-type: none"> <li>Received the "Good Job" award in Amazon India Pvt. Ltd. for the Release Monitor System. (RMS)</li> </ul>
<ul style="list-style-type: none"> <li>Received the CAFÉ (Customer and Field Enablement) Quality Best Employee Award for the month of June 2005 at Sun Microsystems India Pvt. Ltd.</li> </ul>
<ul style="list-style-type: none"> <li>Received the Director Award for the outstanding work in Analysis tool (Hobby Project) at Sun Microsystems India Pvt. Ltd.</li> </ul>
<ul style="list-style-type: none"> <li>Received the Sun Microsystems India Engineering Center Best Employee Award for the month March 2005 on the basis of the Sun Java System Application Server 7.1 Installer Automation Award.</li> </ul>

## Project Profile

### At – Amazon India Pvt Ltd, Bangalore, India

<b>Project Name</b>	<b>Java SOAP Client Application For FPS (Flexible Payment System, AWS)</b>
Project Description	Design, develop Java SOAP Client Application for FPS in struts.  The FPS has three tokens: sender, caller and recipient. An account marked as caller and internal can view details of all the other accounts. An internal caller account is used to make SOAP calls to the FPS and get back the data. The data is then displayed on the browser. Application also takes care of authorization which utilizes the Amazon company wide authorization service with the help of Struts Action Mappings.
Environment	Linux
Technologies	Java Web Services, Struts, Netbeans, Maven
Duration	From July 2008 to till date
Role	Design, development, implementation
Contributions	Involved into: <ul style="list-style-type: none"><li>• Early phase of Project discussions, Project Estimations, Planning and Fixing Delivery Milestones</li><li>• Leading the team to design, develop and implement the project</li><li>• Coded the Java SOAP Client Library which can be used by other team members to do SOAP calls.</li><li>• Designed &amp; developed reports, and managed fellow team members</li><li>• Setting up Deployment Environment .</li><li>• Identifying critical bottle necks and resolving the same</li></ul>
Team Size	3

### At – Amazon India Pvt Ltd, Bangalore, India.

<b>Project Name</b>	<b>Development of Release Monitor System (RMS)</b>
Project Description	Release Monitor System (RMS), monitors all servers during the deployment time to fetch the number of ISE's (Internal Server Errors). A backend thread keeps a active checks on the exceptions happening in the server and sends a page to the mobile of the registered people with the RMS. For sending the page the Application utilizes the company wide mobile rendering service.
Environment	Linux
Technologies	J2EE.
Tools	Servlets, MySql, Mobile Rendering Service (Amazon Proprietary), Fortify Code Coverage Tool.
Duration	May 2008 – July 2008
Role	Design, Development and Implementation
Contributions	<ul style="list-style-type: none"><li>• Was responsible for the designing and implementing solutions for RMS.</li><li>• Lead a team that implemented the RMS as per the design standards.</li><li>• Resolved many of the toughest issues faced by the RMS.</li><li>• Lead the RMS team to evaluate various code coverage tools.</li><li>• Documentation</li></ul>
Team Size	4

### At - Sun Microsystems India

<b>Product Name</b>	<b>Sun Java System Access Manager</b>
Project Description	Sustaining the various releases of Sun Java System Access Manager (6.1, 6.2, 6.3, 7.0 and 7.1)  Sun Java System Access Manager (AM) provides a complete environment for security of applications deployed on the Application/Web Servers. It provides the basis for security, by defining the groups, roles and policies. Sun Access Manager also provides SSO and CDSSO (SSO – Single Sign On and CDSSO – Cross Domain Single Sign On). It also has support of open standards like Liberty

	framework and SAML for SSO across different companies.
Environment	Solaris, Linux, Windows
Duration	March 2005 to May 2008
Tools/Technologies	Java, Web Services, JMQ, BDB (Berkeley Data Base), Servlet Technology, Netbeans, JPDA Debugger, Netbeans Profiler, F5 BigIP Hardware Load Balancer, Sun Software Load Balancer.
Role	Member Technical Staff, Individual Contributor
Contributions	<ul style="list-style-type: none"> <li>Resolving bugs in Access Manager raised by Sun's customers running mission critical applications</li> <li>Implementing features in Access Manager requested by Sun's customers.</li> <li>Leading a team releasing urgent Access Manager builds under Business Continuity Process</li> <li>Developing tools for debugging Sun Access Manager.</li> <li>Helping fellow peers and juniors to resolve bugs in quick time</li> <li>Closely interact with the support channels to get inputs from the customer</li> <li>Attending to requests from other teams to provide technical expertise</li> <li>Interacting with the customer to have the issue fixed</li> <li>Providing support to testing team</li> </ul>
Team Size	9

### **At Knowledge Systems & Sun Microsystems Inc.**

<b>Project Name</b>	<b>Sun Java System Application Server 7.1</b>
Project Description	<p>Testing of Sun Java System Application Server 7.1</p> <p>The Sun Java System Application Server 7.1 (formerly Sun ONE Application Server) provides a Java 2 Platform, Enterprise Edition (J2EE platform) 1.3 platform for developing and delivering Java web services. It integrates a powerful application development environment with the Sun Java Studio Enterprise, that increases developer productivity and speeds overall time to market. Available in three editions, each designed to provide specific functionality for different usage scenarios and service levels, the Java System Application Server delivers end-to-end high performance across a broad range of Web and enterprise application requirements. As your needs change and expand you can seamlessly upgrade from one edition to the next, leveraging your existing code base.</p>
Environment	Solaris, Linux and Windows
Duration	Nov 2003 to March 2005
Tools	Unix Shell Scripting, Jemmy, Expect, Silk, Sun Software Load Balancer, Sun's JWSDP (JWSDP – Java Web Services Developer Pack), Ant.
Role	Software Engineer
Contributions	<ul style="list-style-type: none"> <li>Testing Application Server and making sure that there are no regression bugs induced</li> <li>Automation of Test suites. (Installer Automation using Jemmy, Expect, Browser Tests using Silk)</li> <li>Documentation</li> </ul>
Team Size	8

### **At Knowledge Systems & Sun Microsystems Inc.**

<b>Project Name</b>	<b>Sun Java System Web Server 6.0</b>
Project Description	<p>Testing of Sun Java System Web Server 6.0</p> <p>The Sun Java System Web Server 6.0 (formerly Sun ONE Web Server) provides a Java 2 Platform, Enterprise Edition (J2EE platform) 1.3 platform for developing and delivering Java web applications. It integrates a powerful application development environment with various IDE's including NetBeans IDE. Implements the most advance features like Virtual servers. The Java container offers lightweight session replication and failover via in-memory, secure persistence</p>

	within a cluster. Allows easy management and publishing of content using industry standard tools
Environment	Solaris, Linux and Windows
Duration	Sep 2003 to Nov 2003
Tools	Unix Shell Scripting, Ant, Silk
Role	Software Engineer
Contributions	<ul style="list-style-type: none"> <li>• Testing Web Server and making sure that there are no regression bugs induced.</li> <li>• Automation of Test suites. (Automation Using Silk and Ant)</li> <li>• Documentation</li> </ul>
Team Size	8

### **At Knowledge Systems**

<b>Project Name</b>	<b>Resume Manager</b>
Project Description	<p>Development of Resume Manager</p> <p>The package is a full-fledged System that helps Recruitment Team. The package accepts the candidates profile and resume and stores it in the local database and makes it available for the HR team. The HR team can post the jobs on the site as well as can post the employees on the bench. The Agents (Clients) can search for the employees on the bench. The system comprises a fully working <b>Session management</b> using URL Re-Writing and the session beans. The remote database connectivity has also been achieved, i.e. the DB resides on the Local Machine where as the web logic resides on the web server. It fully satisfies the <b>MVC</b> standards. The Registered candidate is provided by the options like Searching jobs posted by the HR team and to save his resume on the Database. The HR team is provided by the options like searching the DB for candidates resume based on the Skill and Experience, Posting the Jobs, Posting the Employees on the Bench, Changing the status of the employee, deleting an Employee and Viewing the Employees booked by the agents. The Agents are provided the options like viewing the employees on the bench and booking them.</p>
Environment	Windows
Duration	Jul 2003 – Sep 2003
Technologies/Tools	JSP, Servlets, JDBC, MySQL, Tomcat
Role	Software Engineer
Contributions	<ul style="list-style-type: none"> <li>• Development of the product</li> <li>• Documentation</li> <li>• Unit testing</li> </ul>
Team Size	3