

Kushan Jayathilake

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Sri Lanka

Highly motivated individual, equipped with outstanding technical skills on especially on Java related technologies. Maintains focus and performs confidently and effectively under pressure and thrives on challenges.

Core Competencies

- Java (Core)
- Java Script
- EJB 2.1
- EJB 3
- JAXB
- Apache Rampart
- JNDI
- JUnit
- AJAX
- OO Programming
- Configuration Management
- Deployment Skills
- Eclipse Platform
- WebSphere Application Server
- PL/SQL
- Struts
- Hibernate
- Spring
- Apache Commons
Digester, Logging,
FileUploading etc...
- Java Swing
- Jasper Reports
- Ruby On Rails
- Software Architecture
- Release Management
- Design and
Architecture Multitier
Systems
- Oracle DB
Administration
- JSP
- JSF
- JBoss RichFaces
- ANT
- AXIS 2
- SSL
- Java Servlets API
- Socket Programming
- Client Server
Application
Development
- Design and
Architecture Multitier
Systems
- Tomcat
- JBoss Application
Server

Experience at Virtusa (www.virtusa.com)

Pratt & Whitney, Parts Repair (USA)

Senior Software Engineer, Tech Lead (June 2010 to October 2010)

Business Problem: Pratt & Whitney is one of the leading aircraft engine manufactures in the world. Parts Repair is an application used for searching capabilities for various search criteria's and generate reports accordingly. Pratt & Whitney wanted to rewrite this application with enhanced user interfaces with the use of modern industry standards and technologies. Apart from that, search and reporting capabilities were also needed to be enhanced.

Environment: JSP, Struts 2, AJAX, Servlets Oracle DB, WebSphere Application Server

Project Role: Senior Software Engineer, Tech Lead with the following responsibilities:

- Joined with the Architect when setting up the Parts Repair Architecture.
- Did research on Struts 2 and verified its capable enough for our needs.
- Developed the main search functionality, incorporating AJAX
- Created the Oracle DB and Users

Pratt & Whitney, Fly Forward Planning System (FFPS) (USA)

Senior Software Engineer (May 2010 to December 2010)

Business Problem: Pratt & Whitney is one of the leading aircraft engine manufactures in the world. Flyforwad is a web based application used for air craft engine maintenance planning. This is a complex application with many user roles and various user operations / functionalities. Pratt & Whitney wanted to add some more functionality to the system and integrate it with another application called Engine Induction Booking System (EIBS) to get rid of manual data migration.

We fulfilled their requirements successfully by developing the system aligned with industrial standards.

We fulfilled their requirements successfully by developing the system aligned with industrial standards.

Environment: JSP, Servlets, Oracle DB, WebSphere Application Server

Project Role: Senior Software Engineer with the following responsibilities:

- Developed sub fleet maintenance functionality.
- Modified all the plan creating pages to suit with new requirements.
- Modified all the reports to reflect their needs.
- Integrated EIBS system by using Axis 2 Web Services.
- Secured all the web services using SSL and Apache Rampart.
- Created the DB and Users by importing client provided DB dump.

Iron Mountain, Iron Mountain Connect (IMConnect)

Senior Software Engineer (January 2011 to February 2011)

Business Problem: Iron Mountain is a world leader in information management services, assisting more than 140,000 organizations in 39 countries on five continents with storing, protecting and managing their information.

IMConnect is the central point to the IM portal application. There I have involved with the maintenance works, such as issue fixing.

Environment: JSP, JSF, Servlets, Oracle DB, WebSphere Application Server, WebSphere Portal Server

Project Role: Senior Software Engineer with the following responsibilities:

- Mainly involved with fixing existing issues at IMLink.

Experience Prior to Virtusa (www.excelionrfid.com)

Excelion Pvt Ltd, Accutrack (Canada)

Consultant (September 2009 to May 2010)

Business Problem: Clients of the Excelion needed a system retrieve data from the RFID antennas to the system and update the inventory. Since it's a new company I needed to start everything from the scratch, even installing and configuring all the servers.

Environment: JSP, JSF, JBoss RichFaces, EJB 3, Spring 1.2.3, Hibernate 3.1, Hibernate Validators, JPA Jasper Reports 1.2, Cruise Control, Cobertura, JBoss Application Server 4.0.3, Oracle 10g

Project Role: Consultant, Tech Lead, Designer, Solutions Developer, QA Engineer, with the following responsibilities:

- Installing and configuring SuSE Enterprise Server 11 and Oracle 10g on SuSE
- Installing and configuring CVS Server on SuSE Enterprise Server
- Developed a new framework based on latest technologies and frameworks.
- Creating the DB structure and the required stored procedures in Oracle 10g DB
- Integration of Cruise Control and Cobertura for build automation and for code coverage reports.
- Business analyzing and requirement gathering.
- All the developments have done in Linux environment (OpenSuSE 11.2).
- Management of the company resided in Canada, so I had to keep the connection between Sri Lankan office and Canadian office.

Reservations Gateway Pvt Ltd, Holidays System for Sunflower Tours (Middle East)

Software Engineer (January 2009 to September 2009)

Business Problem General needs of a Holidays system requested by the client, at the time of booking the air line, hotel, and excursions.

Environment: JSP, EJB 2.1, Struts 1.2.4, Spring 1.2.3, Hibernate 3.1, Jasper Reports 1.2, Cruise Control, Cobertura, JBoss Application Server 4.0.3, Postgres DB

Project Role: Team Leader, Solutions Developer, with the following responsibilities:

- Development of the front end and backend.
- Team management

Reservations Gateway Pvt Ltd, Holidays System for Anastasia Travels (Middle East)

Software Engineer (January 2009 to September 2009)

Business Problem General needs of a Holidays system requested by the client, at the time of booking the air line, hotel, and excursions.

Environment: JSP, EJB 2.1, Struts 1.2.4, Spring 1.2.3, Hibernate 3.1, Jasper Reports 1.2, Cruise Control, Cobertura, JBoss Application Server 4.0.3, Postgres DB

Project Role: Team Leader, Solutions Developer, with the following responsibilities:

- Development of the front end and backend.
- Team management

John Keells Computer Services, Web Check-In System for Qatar Airways (Middle East) (www.jkcsworld.com)

Solutions Developer (June 2007 to January 2009)

Business Problem: Client needed to increase passenger convenience by providing self-service check-in capability.

Environment: JSP, EJB 2.1, Struts 1.2.4, Spring 1.2.3, Hibernate 3.1, Jasper Reports 1.2, Cruise Control, Cobertura, JBoss Application Server 4.0.3, Oracle 10g

Project Role: Solutions Developer with the following responsibilities:

- Implementing required functionalities.
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John Keells Computer Services, Customer Care System for Dialog CDMA(Sri Lanka) (www.jkcsworld.com)

Solutions Developer (June 2007 to January 2009)

Business Problem: Client needed to facilitate customer care functionalities from the registration of a new SIM, and finally to the billing of the customer.

Environment: JSP, EJB 2.1, Struts 1.2.4, Spring 1.2.3, Hibernate 3.1, Jasper Reports 1.2, Cruise Control, Cobertura, JBoss Application Server 4.0.3, Oracle 10g

Project Role: Team Leader, Designer, Solutions Developer, with the following responsibilities:

- Development of the front end and backend.
- CVS Administration tasks.
- Integration of Cruise Control and Cobertura for build automation and for code coverage reports.
- Business analyzing and requirement gathering for some of the change requests, such as,
 - Special User Group (SUG)
 - Family and Friends Support (FAF)
 - Sub Provider Support.
 - CDMA Enhancements (Introduces corporate customer support to the existing system)

John Keells Computer Services, AccelAero Reservations for AirArabia (Middle East) (www.jkcsworld.com)

Solutions Developer (June 2007 to January 2009)

Business Problem: Client needed to develop some new reports to facilitate their new requirements.

Environment: Jasper Reports, Servlet, iReport.

Project Role: Solutions Developer, with the following responsibilities:

- Development of the reports required.
- Report should have supported 4 formats, such as,
 - HTML
 - PDF
 - Microsoft Excel
 - CSV

John Keells Computer Services, Holidays System for Galileo Tanzania (Tanzania) (www.jkcsworld.com)

Solutions Developer (June 2007 to January 2009)

Business Problem: Objective of the Galileo Holiday System is to integrate none IATA suppliers and Travel agents.

The system needed to enable the non IATA suppliers to manage their inventory and rates and have the ability to publish them to Travel Agents.

Travel Agents will have the ability to sell services provided by non IATA suppliers as well as IATA suppliers within the same booking file or Record Locator.

Environment: JSP, EJB 2.1, Struts 1.2.4, Spring 1.2.3, Hibernate 3.1, Jasper Reports 1.2, Cruise Control, Cobertura, JBoss Application Server 4.0.3, Oracle 10g

Project Role: Team Leader, Designer, Solutions Developer, with the following responsibilities:

- Development of the front end and backend.
- CVS Administration tasks.
- Integration of Cruise Control and Cobertura for build automation and for code coverage reports.
- Business analyzing and requirement gathering
- Team management

John Keells Computer Services, Holidays System for Kingfisher Airlines (India) (www.jkcsworld.com)

Solutions Developer (June 2007 to January 2009)

Business Problem: General needs of a Holidays system requested by the client, at the time of booking the air line, hotel, and excursions.

Environment: JSP, EJB 2.1, Struts 1.2.4, Spring 1.2.3, Hibernate 3.1, Jasper Reports 1.2, Cruise Control, Cobertura, JBoss Application Server 4.0.3, Oracle 10g

Project Role: Team Leader, Designer, Solutions Developer, with the following responsibilities:

- Development of the front end and backend.
- CVS Administration tasks.
- Integration of Cruise Control and Cobertuara for build automation and for code coverage reports.
- Team management

***John Keells Computer Services, Pre sales System for Kuwait Airways
(www.jkcsworld.com)***

Solutions Developer (June 2007 to January 2009)

Business Problem: Involved with the design and development of the pre sales system for Kuwait Airways. We needed to modify our famous IBE (Internet Booking Engine) to suit their needs.

Environment: JSP, EJB 2.1, Struts 1.2.4, Spring 1.2.3, Hibernate 3.1, Jasper Reports 1.2, Cruise Control, Cobertuara, JBoss Application Server 4.0.3, Oracle 10g

Project Role: Team Leader, Designer, Solutions Developer, with the following responsibilities:

- Development of the front end and backend.
- CVS Administration tasks.
- Integration of Cruise Control and Cobertuara for build automation and for code coverage reports.
- Team management

***Providence Network & Solutions, The Modern Chef (Sri Lanka)
(www.providenceglobal.com)***

Software Developer (January 2006 to June 2007)

Business Problem: Company which produce garment wears for chefs needed a web site to promote their business by facilitating customers to purchase through online.

Environment: JSP, JSF, EJB 2, JBoss Application Server, MySQL

Project Role: Software Developer with the following responsibilities:

- Developed entire front end using JSP/JSF.
- Integrated Pay Pal payment gateway.

***Providence Network & Solutions, Badger Cab (USA)
(www.providenceglobal.com)***

Software Developer (January 2006 to June 2007)

Business Problem: Taxi company needed a web based system to cater all business transactions of the taxi as a replacement for their existing inefficient system.

Environment: Ruby On Rails, Apache Web Server, MySQL

Project Role: Software Developer with the following responsibilities:

- Involved with current system analyzing.
 - Requirement gathering by directly involving with client.
 - Involved with Database designing.
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- Certificate Course in Computer Science, National Institute of Business Management 2003.
 - Diploma in Computer System Design, National Institute of Business Management 2003.
 - Higher Diploma in Computer Based Information Systems, National Institute of Business Management 2005.
 - BSc in Management Information Systems, National Institute of Business Management 2008 Conducted in Collaboration with National University of Ireland