# Arunkumar Rajappan

**B.E ( Information Technology )**

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A skilled Software Engineer with experience in full life cycle of Software Development process including requirements analysis/research, proof of concept, design, testing, deployment and maintenance. Career objective is to gain maximum knowledge in product development and research domain and apply it to practical situations innovatively and effectively.

## Summary of Qualifications

- Possess experience in Data Warehousing project development, UNIX shell scripting and in programming languages i.e. J2EE, J2SE, JMF, C# , JQuery, CSS3, HTML, Java Script
- Proficient in using Informatica, PowerCenter tool for ETL development and design
- Strong knowledge of PL/SQL concepts. Skilled in using Oracle and Toad for Database handling, procedures and queries
- Demonstrated ability to form cohesive team environment to achieve maximum productivity in work

## Technical Skills

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|---|---|---|
| Tools | : | Informatica Power Center Client (ETL), Toad, DataStage, Esper – CEP tool |
| Databases | : | Oracle 10g, Cassandra |
| Languages | : | PL/SQL, Unix Shell script, J2SE, J2EE, JMF, C/CPP/C#, JQuery, CSS3, HTML, Java Script |
| Operating Systems | : | Windows, Unix |

## Work Experience

*4.11 Years of total work experience* which includes
- *4.5 years in Infosys Ltd.* as Senior Systems Engineer. Currently working with Infosys Ltd. (Joining Date: 21$^{st}$ July 2008)
- *0.5 years in Envale Systems Pvt Ltd.* as Software Developer

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|---|---|---|
| Project Name | : | EHMS POC |
| Company | : | Infosys Ltd. |
| Client | : | Canadian Pacific Railways |
| Position | : | Technology Analyst |
| Team Size | : | 4 |
| Technologies | : | J2EE, Esper – Complex Event processing tool, Cassandra, JQuery, Spring framework |
| Tools/Servers | : | Eclipse, JBoss AS 7 |
| Project Details | : | As per the client requirements, we are expected to build an application prototype for processing multiple events generated by different sensors. There are two basic events Hot Box Detector (HBD) and WILD events. In this POC we need to develop a prototype for presenting implementation of different requirements using open source tools like Esper, Cassandra and JQuery. |
| Role | : | As a Technology Analyst my roles were:<br>- Study and understand required open source tools<br>- Help and guide other team mates with the project implementation<br>- Develop a dashboard for displaying different event data in a graphical and tabular format |
| Duration | : | Currently working [Working since Jan'13] |

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| Project Name | : | Customer Portal |
| Company | : | Infosys Ltd. |
| Client | : | Essilor |
| Position | : | Technology Analyst |
| Team Size | : | 5 |
| Technologies | : | J2EE, JS, JQuery, HTML, CSS |
| Tools/Servers | : | Netbeans, Apache Tomcat |
| Project Details | : | Essilor of America is a business enterprise which has business operations in area of specs lens manufacturing and finishing. Essilor Laboratories of America is a geographically |

diverse business unit of Essilor of America, assembled from individual lab networks. Each of these networks has their own order entry, lab processing and accounts receivable systems. It has customers across the USA as well as other countries. Currently Essilor is managing its enterprise data using a legacy MDM system. It provides a single data entry point for creating New customers and managing the same. The system is available only within the Essilor network.   This system is not directly accessible by the Field force employees or the Customer Support Representatives for creating new customers or searching for customer information.

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| Role | : | As a part of my role as Technology analyst, I had done below listed tasks:<br>· Participated in requirement analysis<br>· Team being new to JQuery and web technology. I was expected to self-learn this technology and help/guide team in project implementation<br>· Co-ordinate with Onsite team and Essilor Business/technical SMEs query clarification and issue resolution<br>· Development of solution components<br>· Execute Unit Testing of the solution components<br>· Support during QA/UAT testing and Defect Fixes<br>· Deployment in the Development Environment |
| Duration | : | 9 Months [Mar'12 – Dec'12] |

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| Project Name | : | Goverment Pricing System |
| Company | : | Infosys Technologies Ltd. |
| Client | : | Pfizer, Inc. |
| Position | : | Senior Systems Engineer |
| Team Size | : | 3 |
| Technologies | : | J2SE, J2EE, Cocoon Framework, Unix Shell Scripting, Oracle, Datastage (ETL) |
| Tools | : | Eclipse, Toad (Oracle) |
| Project Details | : | GPS manages pricing and contracting related information for all private and Pfizer products |
| Role | : | To perform various development (major/minor enhancements) and support activities |
| Duration | : | 4 Months [Oct'11 – Feb'12] |

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|---|---|---|
| Project Name | : | CARSIS MBR Enhancement |
| Company | : | Infosys Technologies Ltd. |
| Client | : | Pfizer, Inc. |
| Position | : | Senior Systems Engineer |
| Team Size | : | 5 |
| Technologies | : | J2SE, J2EE, Cocoon Framework, Unix Shell Scripting, Oracle |
| Tools | : | Eclipse, Toad (Oracle),  DataStage (ETL), Business Objects |
| Project Details | : | |
| Role | : | To perform enhancement to CARSIS (Contracts Management) and MBR (Contract Membership) systems as per clients requirements/specifications. |
| Duration | : | 3 Months [Jul'11 – Sep'11] |

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| Project Name | : | Goverment Pricing System – Technology Refresh |
| Company | : | Infosys Technologies Ltd. |
| Client | : | Pfizer, Inc. |
| Position | : | Senior Systems Engineer |
| Team Size | : | 3 |
| Technologies | : | J2SE, J2EE, Cocoon Framework, Unix Shell Scripting, Oracle, Datastage (ETL) |
| Tools | : | Eclipse, Toad (Oracle) |
| Project Details | : | GPS System was to be migrated from JBOSS 3.0.1 to JBOSS EAP 5.0.1 and from Oracle 9i to Oracle 11g. This included modification to existing java code, Oracle objects and Interface changes (includes Shell based interface and DataStage Interfaces/jobs) |
| Role | : | To perform impact/change analysis, find solutions on various issues and implement required changes |
| Duration | : | 6 Months [Jan'11 – Jun'11] |

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| Project Name | : | Legal Data Warehouse |
| Company | : | Infosys Technologies Ltd. |
| Client | : | Pfizer Inc. |
| Position | : | Systems Engineer |
| Team Size | : | 3 |

| Technologies | : | Oracle 10g, Unix |
|---|---|---|
| Tools | : | Informatica, Toad |
| Project Details | : | LDW application support |
| Role | : | To carry out Monthly releases consisting of various major/minor enhancements and bug fix activities as per client's request along with regular support activity for the same application. |
| Duration | : | 10 Months [Dec'09 – Sep'10] |

| Project Name | : | eMarta and LDW Feeds redesign |
|---|---|---|
| Company | : | Infosys Technologies Ltd. |
| Client | : | Pfizer Inc. |
| Position | : | System Analyst |
| Team Size | : | 3 |
| Technologies | : | Oracle 10g, Java, Unix |
| Tools | : | Informatica, Toad |
| Project Details | : | Aim of the project was to redesign current eMarta and LDW Feeds system in Informatica which required following of the complete SDLC life cycle from the beginning |
| Role | : | Given the bottom line responsibility and carried out following activities:<br>▪ Studied and gathered requirements for eMarta module from already existing Java codes<br>▪ Implemented current functionality coded in java consisting of complex matter generation and updation logic in Informatica<br>▪ Adherence SDLC process cycle and ELC, Pfizer application deployment processes with the help/support of my Senior team members |
| Duration | : | 4 Months [Aug'09 – Nov'09] |

| Project Name | : | CRMS |
|---|---|---|
| Company | : | Infosys Technologies Ltd. |
| Client | : | WellPoint, Inc. |
| Position | : | Software Engineer |
| Team Size | : | 2 |
| Technologies | : | Oracle |
| Tools | : | Informatica |
| Project Details | : | CRMS was a support project |
| Role | : | To support CRMS application |
| Duration | : | 8 months [Nov'08 – Jun'09] |

| Project Name | : | Optical Character Recognizer for Devanagari Scripts |
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| Company | : | Envale Systems Pvt Ltd. |
| Client | : | Envale Systems Pvt Ltd. |
| Position | : | Software Developer |
| Team Size | : | 4 |
| Technologies | : | C#, Visual Basic |
| Tools | : | Matlab |
| Project Details | : | Aim of the project was to develop an OCR for recognition of Devanagari Scripts for both printed and handwritten characters |
| Role | : | My role was to research/analyze and code a module using Image Processing fundamentals in C# to recognize special characteristics to identify a character uniquely |
| Duration | : | 6 Months (including 3 months of training) [Jan'08 – Jun'08] |

## Education

| Degree | University/School | Year | Percentage |
|---|---|---|---|
| B.E (Information Technology) | Dharmsinh Desai University, Gujarat, India | 2008 | 65.46% |
| HSC | Adarsh Maha Vidhalaya, Gujarat, India | 2004 | 70% |
| SSC | St. Xaviers High School, Gujarata, India | 2002 | 83% |

## Trainings Attended

- Successfully completed **Core Java** training and successfully cleared *Level E1\** of TCS competency test as a part of TCS and Government of Gujarat joint initiative College to Career Program organized from Feb'07 to Apr'07
- Successfully completed training and assessment on **Microsoft .NET** under the College to Career Program Sept'06 to Nov'06

- Undergone summer Training **Project on Hardware &Networking** from 01st June'07 to 30th June 2007 in EDP-IT Department in Welspun's Steel Pipe Division at Anjar, India
- 2.5 months training on Open Systems with extensive exposure to PL/SQL, C, C++, Visual Basic at **Infosys Training center** and qualified the same with a **CGPA of 4.96/5**
- 1 week training on Informatica
- Attended sessions on Hibernate, Perl, SAS and Unix conducted by members of E&R department in Infosys

## Other Initiatives/Activities

- **Developed an audio and video broadcasting, receiving and recording application (*CCTV type application*) using Java Media Framework and Real Time Protocol**
- Co-ordinated **Communiqué 2007**, Dharmsinh Desai University's National Level Technical Symposium
- Created a robot for Robo Rumble and Robo Race for **Communiqué 2006 (Dharmsinh Desai University)** and **Prevoyance 2006 (Nirma University)**