

Kiruthiga Balasubramanian

829 Wagyu Way, Rolesville, North Carolina 27571

Kirthirosemilk@gmail.com

Mob: +15512262284

LinkedIn: [https://www.linkedin.com/in/kiruthiga-balasubramanian-](https://www.linkedin.com/in/kiruthiga-balasubramanian-1a0902100/)

[1a0902100/](#)

Professional Summary:

- Having 9+ years of experience in all the technical phases of Software Development Life Cycle (SDLC) including Requirement Analysis, Design, Implementation and Testing in both Web based **PowerApps**, **PowerAutomate**, **SharePoint**, **Office 365**, and Enterprise applications with emphasis on Object Oriented, Java/J2EE and Client Server technologies.
- Proficient in designing and developing custom PowerApps solutions to address diverse business requirements and enhance operational efficiency.
- Experienced in leveraging Microsoft Power Automate to automate repetitive tasks, streamline business processes, and improve productivity.
- Skilled in integrating **PowerApps** and **Power Automate** with various data sources and services, including **SharePoint**, Excel, SQL Server, and Oracle.
- Capable of creating complex workflows and automation scenarios using Power automates extensive range of connectors and actions.
- Knowledgeable in building responsive and intuitive user interfaces in PowerApps, ensuring optimal usability across different devices and screen sizes.
- Proficient in managing PowerApps environments, including version control, deployment strategies, and security configurations.
- Experienced in troubleshooting and debugging issues in PowerApps and Power Automate solutions, ensuring smooth operation and reliability.
- Committed to staying updated with the latest features and best practices in PowerApps and Power Automate development through continuous learning and professional development.
- Experience in Front-End UI technologies like **HTML5**, **CSS3**, **jQuery**, **JSON**, **Ajax**.

- Responsible for requirement gathering from the Business Analysts and for preparing the requirement specification document.
- Extensively participated in Agile Scrum Development Methodology with Test Driven Development process, from the development phase to testing phase and postproduction phase.
- Expertise in Distributed and Web environments, focused on **JAVA** Technologies -Java collections, Multithreading, Concurrency Framework, JDBC, Spring, Hibernate Framework.
- Good experience in publishing and consuming Secured Web Services over SSL.
- Hands-on experience in Unit Testing, Integration Testing and Regression Testing and testing API such as Junit.
- Good Understanding in databases such as **Oracle SQL, MySQL, SQL Server, NoSQL, and IBM DB2** databases to manage tables, views, indexes, sequences, stored procedures, functions, triggers, and packages.

EDUCATION:

- Bachelor of Electronics and Communication Engineering.

Jun 2006- Jun 2010

Technical skills:

Power Platform	PowerApps, Power Automate, Power BI, Office 365
Scripting Technologies	JavaScript, jQuery, HTML, Bootstrap
Programming Languages	Java, Java EE7, Visual Basic.NET, JavaScript, PHP, PL/SQL, UNIX Shell Script.
Tools	Azure Dev Ops, Eclipse, NetBeans, RAD, Tomcat EE, Glassfish, GitHub, Jenkins
Web	XML, XSLT, DTD, JSON, HTML5, CSS3, JScript, jQuery, Ajax, JSP, PHP, RESTful, SOAP, JDBC
Methodologies	Agile, Waterfall, SCRUM.
Operating Systems	Windows, Linux, and UNIX
Version Control	SVN, CVS and GIT
Design Patterns	Singleton, Factory, Composite, Iterator
Databases	Azure SQL, Oracle, MySQL, MS SQL Server, MS Access

Work Experience:

Client: Nationwide

Nov 2022 –Till

Date

Cognizant, USA

Role: Technical Lead

Responsibilities:

- Developed custom Canvas Apps and Model-Driven Apps using Microsoft PowerApps to address various business requirements and streamline processes.
- Designed and implemented Dataverse tables to store and manage business-critical data efficiently within PowerApps solutions.
- Utilized Power Automate to automate repetitive tasks and business processes, enhancing operational efficiency and productivity.
- Collaborated closely with stakeholders to gather requirements, define project scope, and deliver PowerApps solutions aligned with organizational goals.
- Conducted thorough testing and validation of PowerApps applications to ensure functionality, usability, and performance meet quality standards.
- Implemented security measures and access controls within PowerApps solutions to safeguard sensitive data and comply with regulatory requirements.
- Provided ongoing support and maintenance for existing PowerApps solutions, troubleshooting issues, and implementing enhancements as needed.
- Documented project requirements, design specifications, and user guides to facilitate knowledge sharing and ensure project transparency.
- Stayed updated with the latest features and best practices in PowerApps development, incorporating new technologies to drive innovation and efficiency.
- Demonstrated strong problem-solving skills and attention to detail in resolving technical challenges and optimizing PowerApps solutions for optimal performance.

Client: Wolters Kluwer

Jun

2015 – Aug 2017

TCS, Chennai, India

Role: Technical Lead

Responsibilities:

- Developed custom SharePoint 2013 solutions, including web parts, lists, libraries, and workflows, to meet specific business requirements and enhance collaboration and productivity.
- Designed and implemented SharePoint sites and site collections, ensuring intuitive navigation, efficient content organization, and user-friendly interfaces.
- Configured and customized SharePoint forms using InfoPath and SharePoint Designer, integrating with SharePoint lists and workflows to automate business processes.
- Implemented security controls and permissions within SharePoint sites and document libraries to enforce data access policies and protect sensitive information.
- Collaborated closely with business users and stakeholders to gather requirements, analyze needs, and translate them into effective SharePoint solutions.
- Conducted end-user training and provided ongoing support and troubleshooting assistance to ensure successful adoption and usage of SharePoint solutions.
- Maintained and administered SharePoint farms, including installation, configuration, and performance tuning, to ensure optimal system functionality and reliability.
- Implemented governance policies and best practices to maintain data integrity, compliance, and regulatory standards within SharePoint environments.
- Documented technical specifications, solution designs, and deployment procedures to facilitate knowledge transfer and ensure project continuity.
- Stayed updated with the latest trends and advancements in SharePoint development and related technologies, continuously improving skills and expertise to deliver innovative solutions.

Client: LOWES

Jan

2014 – May 2015

Cognizant, Chennai, India

Role: Senior Java Developer

Responsibilities:

- Developed the Presentation and Controller layers using JSP, HTML, JavaScript, Business layer using Spring (IOC, AOP), DTO, JTA, and Persistent layer DAO.

- Used Eclipse IDE to configure and deploy the application onto WebLogic application server using Maven build scripts to automate the build and deployment process.
- Generated Use case diagrams, Class diagrams and Sequence diagrams using MS Visio
- Wrote REST Web Services for sending and getting data from the external interface.
- Configured Hibernate, Spring and JSP to map the business objects to Oracle Database using XML configuration file.
- Designed and implemented CRUD (create, read, update, and delete) operations for data persistence.
- Created data source and connection pools in Web Logic and deployed applications on the server.
- Java Servlets and JSP pages were deployed on the WebLogic Application Server for retrieving user information and posting related data.
- Client-side validations using JavaScript.
- Implemented several design patterns such as MVC, Singleton and Factory to resolve the most common design issues.
- Developed stored procedures and triggers using PL/SQL to calculate and update the tables to implement business logic.
- Developed complex SQL queries and programmed stored procedures, packages, and triggers.
- Involved in configuration and deployment of applications on WebLogic Application Server. Used GIT as Version Control System performed Module and Unit Level Testing with JUnit and log4j.
- Helped QA team with setting up the environment for testing followed by preparation of test plans.
- Involved in Requirements gathering, Requirement analysis, Design, Development, Integration and Deployment

Client: UBS

Mar

2012 - Dec 2013

HCL Technologies, Chennai, India

Role: Java Developer

Responsibilities:

- Involved in designing and developing new rest services for mobile applications and implemented new changes in existing rest services with versioning for backward compatibility.
- Worked with SOLR index for nightly load process and search related development work.
- Implemented data abstraction layer using Hibernate DAO objects.

- Used Design Patterns such as Singleton, Factory pattern, Session Façade, Business Delegate, MVC, and DAO.
- Involved in developing administrative utilities for uploading offer codes, promo codes and tracking codes.
- Used agile methodology along with test driven development using JUnit and Mockito.
- Used R language for data analysis in Machine Learning
- Analyzed statistical aspects of applications like correlations ran machine language algorithms like linear regression.
- Involved in redesigning partner xml feeds processing.
- Involved in user interface development using JSP, JSTL, jQuery, JavaScript, HTML and CSS.
- Involved in production deployment of sprint releases to multiple JBoss servers.

Client: Merck

Nov 2010 - Mar 2012

HCL Technologies, Chennai, India

Role: Java Developer

Responsibilities:

- Involved in designing and developing new rest services for mobile applications and implemented new changes in existing rest services with versioning for backward compatibility.
- Developed various UI screens.
- Took ownership of the “organization customers addition” module.
- Received appreciation from the team for the increased number of Junit test cases to improve the overall quality.
- Produced detailed design documents for OCA module.
- Used Design Patterns such as Singleton, Factory pattern, Session Façade, Business Delegate, MVC, and DAO.
- Involved in developing administrative utilities for uploading offer codes, promo codes and tracking codes.
- Used agile methodology along with test driven development using JUnit and Mockito.
- Used R language for data analysis in Machine Learning
- Analyzed statistical aspects of applications like correlations ran machine language algorithms like linear regression.

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