**Kavitha S**

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**Profile Summary**

13+ years of experience in software development lifecycle from requirement analysis, design, development, integration, deployment, documentation and post implementation process in Multitiered Web and Distributed Architecture with object-oriented methodologies.

* Presently working as SDE 1 in Tesco, Bangalore.
* Active participation in Design Workshops with Business and Technical Teams.
* 5+ years experience in Microservices, web api development
* Extensive experience in design and development of reliable, efficient and scalable enterprise applications using ASP.Net, MVC, Web API 2.0, WCF.
* Strong in developing data access layer using ADO.Net, Dapper, ORM.
* Solid working experience with relational database and NO SQL DB.
* Experience in deploying application in Hadoop cluster and oozie scheduler
* Highly motivated team player, proactive, quick learner and proven record of capability to work under deadlines.
* Good Hands on experience with AWS and Azure cloud
* Strong knowledge of enterprise product development, Distributed applications

development, webservices, distributed transactions and SQL data design.

* Proficient in understanding RFCs / specifications and implement to specifications.
* Good in learning new technologies, tools and implementing them.
* Well acquainted with Agile using Scrum, Test driven development and customer loyalty Retail platform.
* Ability to own challenges and drive the plan towards positive results.
* Individually handling project activities and team. Oversees the coordination activities and monitoring resources.

**Core Competencies**

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| Languages | C#, Java , Scala, Spark |
| Methodology | Agile |
| Cloud | AWS, Azure |
| CI/CD tools | Jenkins, Git, Docker |
| Database | SQL Server, Couchbase |
| Monitoring tools | Splunk, AppDynamics, Run Scope, Coverity |
| Test | N-unit, Junit, Gherkins, Cucumber, Spec flow |
| Project Management tools | Jira, Zendesk, MS Teams |
| Operating System | Linux (Centos, Ubuntu), Windows, Mac |
| IDE tools | VS Code, Visual Studio, IntelliJ |
| Enterprise Messaging | Kafka |
| Web server | IIS , Tomcat |
| ETL & Reporting | SSIS , SSRS |

**Academics**

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| --- | --- |
| B.E | VTU, Karnataka |

**Achievements**

* Leading a team of 12 for delivery and service for 8 Markets in Asia and Europe.
* Led Design and the Large scale rollout of the loyalty program in Asia and Europe for 3000 Stores and 10 million customer base.
* Active Participation in Legal changes (GDPR) across UK and Central Europe.
* Conducted Workshops and training programs for Business teams and Support teams
* Experienced in working with clients directly from US , UK and Malaysia .
* Received Rewards and recognition as an Individual and Team from Stake holders.
* Nominated for the Women In Leadership programme

**Experience**

* Working with TESCO HSC, Bangalore from January 2019 to till date as Software Development Engineer 1
* Working with TESCO HSC, Bangalore from January 2014 to March 2019 as Principal Software Engineer
* Working with TESCO HSC, Bangalore from November 2011 to December 2014 as Senior Software Engineer
* Worked with TESCO HSC, Bangalore from December 2009 to November 2011 as Software Engineer
* Worked with TESCO HSC, Bangalore from November 2006 to November 2009 as Associate Software Engineer.

**Projects**

**Stored Value points & Stored Value Coupons –**

This is a Tesco points API to earn and burn loyalty points and get the loyalty rewards as coupons and

vouchers at store with personalized offers

**Location –** Bangalore, India

* Involved in capacity planning, data load starting from initial data load of 50 million accounts, setting up dashboards to view metrics to production deployments. Involved in end to end lifecycle of the product.
* Involved in Design and Development of API’s and Partner Data Integration Module.
* Built high availability and disaster recovery API, Messaging and DB system in Azure with multiple regions
* Implemented Test Driven Development
* Built several Splunk dashboards that enables near real time insights to business
* Setup Automated Runscope Alerts for API
* Responsible for refining the stories, coming up with design, develop, create automated test cases (Unit, BDD), build demo interfaces and take it to production
* Actively Conducted Sprint planning, resource planning, and Support Rota to Manage production Support including SLA & OLA.
* Automation of workarounds
* Involved in end to end architecture design for CICD process using GIT, Jenkins, Nexus and Chef.

**Tech Stacks:**

Stored Value Coupons – Azure , .Net , GitHub , SQL Server , Kafka

**Stored Value Reconciliation -** Tesco is moving towards Microservice architecture and one of the major issues is Data inconsistency between different systems. Customer shopping and registration experience goes through multiple systems capturing different data. As part of Stored Value, customer points will be captured based on the data provided by Identity, Profile and contact system which owns the customer identification. There were lot of data issues because of which customer points were rejected. To mitigate the risk we have developed a reconciliation project in Hadoop which will compare data between different systems and raise alarm if the data difference crosses a threshold value.

**Location**- Bangalore, India

* Learnt new technologies for implementing the solution
* Involved in Design and Development of reconcile process.
* Implemented Test Driven Development
* Implemented the project in Hadoop cluster using Scala, spark, AWS S3
* Involved in talking to cross teams and getting the regular feeds
* Involved in end to end architecture design for CICD process using GIT, Jenkins, Nexus and Chef.
* Built several Splunk dashboards that enables near real time insights to business

**Tech Stacks:**

Scala, Spark, GitHub , Jenkins, AWS , Hadoop cluster , Oozie scheduler , Splunk, Zendesk, Jupyter notebook

**Stored Value Access Management –**  This application was developed to cater the needs to providing right privilege and access to internal team application , system , business users and Call centre application users using principle of least privilege. An automation step introduced to remove manual activity of user /Access management approach

**Location**- Bangalore, India

* Completely owned the design and development of the application.
* First org wide initiative to unify the process for Access Management across teams.
* Integrated the user access with Active directory groups and Application roles to provide the right privilege to users.
* Introduced principle of least privilege to ensure right access is granted to users.
* Involved in end to end architecture design for CICD process using GIT, Jenkins, Nexus and Chef.
* Built several Splunk dashboards that enables near real time insights to business

**Tech Stacks:**

Java , Spring boot , Sql Server 2016, Splunk, AppDynamics, Gradle , Jenkins , GIT ,Chef

**Next Generation Clubcard –** Tesco system for Clubcard and Loyalty

**Location**- Bangalore, India, Malaysia and US

* Responsible for refining the stories, coming up with design, develop, create automated test cases (Unit, BDD), build demo interfaces and take it to production.
* Deployment of Clubcard application across four countries in Central Europe (Czech Republic, Republic of Slovakia, Poland and Hungary) for 1000 Stores serving 1 billion Customer base.
* Defect management, change management, code and configuration management, release management etc. Manage release and configurations
* Involved in end to end architecture design for CICD process using GIT, Jenkins, Nexus and Chef.
* Conducted Training Session for Business users and Support Teams.
* Involved in creating business reports and KPI’s
* Manage Services Post Go-Live.
* Managed onsite and offsite team members for the implementation.

**Tech Stacks:**

C#.Net, WCF, SQL Server 2008, GitHub, MS Wix , SSIS, SSRS ,IIS

**Campaign Management Program -**  The Business Rule engine developed to accelerate the loyalty program globally in International market in Asia and Europe . The key features being the understanding the shopping demographics of the customer and the customer spent to identify the rewards personalised for each customer keeping customer consent and preference as core of the application.

**Location**- Bangalore, India, Malaysia and US

* Involved in Design and Development of the Application with Direct interaction with business team.
* Implemented Legal , customer preference and consent as per the needs of different international Market.
* Introduced E-statement (paper less) to deliver the rewards to customers resulting in to cost savings of 15% per quarter.
* Involved in Code Review and preparation of User Manual document.
* Developed reports and KPI as per business needs.
* Active participation in Change request and defect fixes along with UAT with users.
* Service transition and knowledge sharing with support teams.

**Tech Stacks:**

C#.Net, WCF, SQL Server , SSIS , SSRS , IIS

**Store Ops Productivity Apps -**  The Store Ops Productivity apps is a set of .Net application used in Hand held device and primarily used for Gap Scan , Shelf fulfilment , Product profile , Order receiving & Stock Replenishment. This helps store teams to maintain right stock on shelf and avoid loss sales and waste.

**Location**- Bangalore, India

* Involved in Development ,Code Review and preparation of User Manual document.
* Developed reports and KPI as per business needs.
* Active participation in Change request and defect fixes along with UAT with users.
* Service transition and knowledge sharing with support teams

**Tech Stacks:**

C#.Net, SQL Server, IIS

**Personal Details**

Date of Birth: 02-March-1984

Sex: Female

Languages Known: English, Hindi, Kannada,

Current Address: #1/4, 1st main road, Thimmaiah Garden, R T Nagar, Bangalore - 32

Nationality: Indian

Marital Status: Married