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| **Dhanajeyan Kathirvel** | |
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| **PROFILE** | Rich exposure in Project Management and Software Development engineering with 15 plus years of extensive experience in Design and Development in the Java platform Java & J2EE, SOA architecture with an organization of high repute in the Travel & Banking domain, involving various projects of different scales, 4 years of Onsite exposure working with clients across the US.  Technically manage and lead teams with agile development and acquired prime knowledge on service-oriented development with REST services, Struts framework, Core Java, J2EE, Spring Boot, IOC, MVC, Web Flow, Reactive and AOP frameworks, Unix programming, hibernate with JPA and experience with different clients and people, and possess strong development and debugging skills with numerous development tools and techniques. Technically lead and manage teams and coordinate with developers to deliver and sign-off modules. Possess better knowledge of design patterns and understanding of design and implementation. Excellent exposure to agile and Kanban development methodologies, building and deployment of multi-tiered Java systems with professional expertise. Excellent knowledge of Pharmaceutical, Insurance, Travel, Healthcare, and Retail Banking domains. |
| **SUMMARY OF RELEVANT SKILLS** | **LANGUAGE & FRAMEWORK**   * Java & J2EE * Webservices – JAX-RS, JAX-WS * Spring Boot 1X, 2X, Spring IOC, AOP, MVC, Web Flow, Reactive/WebFlux * Struts * JPA, Hibernate * XML, XSLT * Unix scripts * React JS, jQuery, and GWT * DDUI & SFX   **DATABASE**   * Oracle * PostgreSQL * MySQL * DB2   **TOOLS**   * JDT, Tealeaf * Metric tools – Grafana, Splunk, new relic, Kibana * MQ Tools – JMS Hermes, MQ Client * IntelliJ, Eclipse, RSA, STS, RAD, Atom and WebStorm * Code Standard tools - CheckMarx, find bugs, Sonar, Fortify Scan, 42 Crunch, Blackduck * Repository Tools – SVN, CVS, GitHub * Build Tools – Hudson, ARM, Jenkins, Artifactory * Web Resource - Confluence, SharePoint, JIRA * Defect Management Tool – Redmine, Service manager, JIRA, TRAC, * Database Tools – Oracle SQL Developer, Toad, NoSQL, MySQL Tool kit, DB Visualizer, Squirrel SQL, PgAdmin * Rest API Tools - XMLspy, Soap UI, Postman |
| **ROLES & RESPONSIBILITIES**  **PROFESSIONAL EXPERIENCE** | * Create Functional requirements & Technical specifications as well as design & implement workflows. * Ensure coding standards adhere to the development process with acceptable quality and efficiency. * Responsible for delivery of end-to-end delivery and assisting manager in effort and work estimation. * Develop effort estimation and prepare detailed architecture and resolve technical issues faced by the team and update any forthcoming risks to the manager. * Create a prototype and present it to the client effectively. * Participate, handle customer code reviews and implement changes based on the requirement specifications. * Manage work items and resource allocation for the core deliverables. * Ensure team has ample training assigned and gather knowledge to perform the job duties and security-related training & clear assessments. * Ensure security incidents/events are reported to the company security workgroup. * Adhere and ensure the team follows policies & procedures. * Identify, perform and assign tasks to the team for closures. * Ensure requirements are identified and communicated to reporting manager for the scoped operations. * Collate all requirements and submit to risk owner for review. * Establish and maintain logs on risks, audits, issues, and contingency tasks.   IVR-MS-EAS (Oct 2021 – Till Date) – Verizon, USA  *Technical Architect/ Manager*  Enterprise Activation Service (EAS) Selfactivation is a microservice with a functional and reactive way of approach, design, and development with Spring WebFlux for better system response and versatility. REST-based design for service orders to activate users and mobile devices on a new purchase, the services would find an order, then authenticate the user and complete the order in a series of data processing from multiple vendor and backend systems, and databases to provide a seamless response to a user to activate devices on a new purchase.  Application Service Owner (end to end):   * Cache Manager tool – Redis cache configuration for property values for different regions for prod and non-prod.   Responsibilities:   * Work with the stakeholders on the tech debt items for upcoming enterprise releases and change requirements. * Work with the Scrum Master to create epics and dissolve them into stories and plan the work with TPO and BPO to assign them to the team. * Migration of existing legacy code to the reactive way of development and approach. * Reporting Diagram and Reporting ID implementation for debugging the application. * Story creation based on functionality and planning the QA testing on incremental development. * Create user stories in JIRA as per requirements and coordinate with the client and onshore for the deliverable. * Ensure the team gets all the inputs for the story to be done, and monitor the efforts from the team are delivered within timelines.   Distributed and Mainframe Services (Sep 2019 – Sep 2021) - Express Scripts, USA  *Technical Lead*  Distributed Services comprise middleware services that are segregated based on billing, communication, inventory, benefit, and B2B services, to provide data and services for consumers for better architectural data flow using REST-based services, these services act as a business layer to various front-end applications like B2C and mainframe systems, backend systems, data warehouses, allowing systems to communicate and perform business transactions.  Application Service Owner (end to end):   * Certification tool – Tool to certify the mismatches on any two versions of the same service by comparing responses with field-level detail articulated with the front end, specifically for Mainframe systems and REST API-based applications. * MDT tool – Tool for mainframe testers to test data from the frontend, by providing copybook, copybook data, and MQ messaging to post and test the responses. * Data Transformation Service – data conversion between different systems by formatting and semantics per the required format.   Responsibilities:   * Work with the stakeholders on the tech debt items for upcoming enterprise releases and change requirements. * Work with the Scrum Master to create epics and dissolve them into stories and plan the work with TPO and BPO to assign them to the team. * Plan releases for every week, and work with release management for the release activity. * Making sure the team adheres to coding standards and peer code reviews. * Review and approve developer checklist, pre-deployment, post-deployment checklist, and validate developer activities. * Create user stories in JIRA as per requirements and coordinate with the client and onshore for the deliverable. * Ensure the team gets all the inputs for the story to be done, and monitor the efforts from the team are delivered within timelines.   Workers Compensation (April 2018 – Sep 2019) – Express Scripts, USA  *Agile Scrum Developer*  The Worker’s Compensation system supports the processing of prescription drugs for injured workers. It is responsible for tracking patient eligibility, calculating network pharmacy reimbursement rates, controlling refill requests and enforcing formularies. Treatment of the injured worker is the primary focus of this system, ensuring that medications are dispensed promptly and that state law governing the pricing of such medication is properly applied.  Responsibilities:   * As an agile scrum developer working with a team count of 15 plus my roles and responsibilities include an offshore lead. * Design and develop the user interface and user experience. * Design and develop database schema as per the requirements. * Creating user stories and functional design for the front end in React and Rest service in Spring boot API. * Design as per coding standards as per client standards and ensure code is clean. * Create user stories in JIRA as per requirements and coordinate with the client and onshore for deliverables. * Making sure the team adheres to coding standards and peer code reviews. * Create Test cases and create user acceptance testing from the developer’s perspective.   Drug Coverage Rules Station (DCRS) (Jan 2018-Mar 2018) – Express Scripts, USA  *Application Development Lead*  Drug Coverage Rules Station (DCRS) provides drug coverage information, the application systems that request drug coverage details are Point of Sale (POS) and Mainframe systems. DCRS is composed of products and rules that are captured via a frontend Microsoft Visual Basic 6.0 application and stored in DB2. DCRS is covered with ten plus products in the PBM industry that are designed to create, save and delete products from the end-user. As a proof of concept for making a better versatile application, this POC was written to make a better performing application with React JS, and Spring Boot with Rest services.  Responsibilities:   * As Technical Lead and agile scrum developer project roles & responsibilities include. * Leading the project on the technical front with the front end in React JS and API in Spring Boot services. * Creating user stories and functional design for the front end in React and Rest service in Spring boot API. * Making sure the team adheres to coding standards and timely delivery. * Create analysis and engineering on user interface and API. * Design and develop database schema as per the requirements. * Design and develop the user interface and user experience. * Create user stories in JIRA as per requirements and coordinate with the client and business users to create a user story backlog. * Create test cases and create user acceptance testing from the developer’s perspective.   ECF – Existing Customer Foundations (January 2016 – December 2016) – Accenture Services USA (Client - State Farm Insurance company, USA)  *Lead Web SA [Texas, USA]*  ECF - Existing Customer Foundations is a software module delivery program that will deliver rating and reinstatement transformation functionality and enable self-service added policy detail by creating an enterprise source for rating plan with rule simplification and adding a car/driver of a primary customer for the auto over the online capabilities. ECF also creates pricing sophistication, flexibility, and matching the price to risk rule simplification.  Responsibilities:   * Design, develop and configure systems modules for application development/enhancement and lead the developers in setting up the environment and data access, event creation inquired, etc., * Coordinate with developers and different service teams to establish system flow and dependent service and ensure seamless development and testing activity. * As a Lead developer worked with the developers during the sprint development phase in creating stories and assisting the developer with problem solutions. * End-to-end web service design creation, analysis, and implementation for the delivery module. * Log necessary defects within the project TRAC during the sprint development, testing, deployment, and production handovers and sign off development and system integration testing on project deliverables.   Retail - INSTANT ISSUE (April 2015 – October 2015) - Accenture Services USA (Client - Chase Bank, USA)  *Application Development Lead [Ohio, USA]*  The instant issue allows bankers to immediately issue personalized debit/credit cards at the branch. Customers can immediately obtain a new or replacement debit or credit card at the branch. The application with a user interface where a banker can operate to perform operations to print a new/replacement card.  Responsibilities:   * Design, develop and configure systems modules for new application development/enhancement in card services. * As an application developer supported the application during production issues to remediate any reported issues. * End-to-end from analysis, design, implementation, and delivery and maintenance of the application. * Fixing SSAP/OSS Black duck vulnerabilities issues to provide a consistent application and out of vulnerable attacks. * Work with various workgroups involved in the development, testing, deployment, and production handovers. * Worked on priority production issues and fixed defects.   CT- Corporate Technology (Sep 2013 – Sep 2015) - Accenture Service USA (Client - Chase Bank, USA)  *Application Developer [Ohio, USA]*  In Corporate Technology - TASER & ORDS are software products used by banking retailer which processes information on monetary and non-monetary transactions to detect fraudulent ATM/POS transactions, non-monetary transactions, and Teller deposits. The application is a set of rule engines that each transaction is processed to ensure the transaction is genuine. It processes Real-Time/Debit transactions and non-real-time/POS transactions to determine if they should be approved or denied and writes the transaction to the RT/NRT databases respectively. Adding rules to the rule engine and when new fraud trends are detected, and to maintain the application stability.  Responsibilities:   * Design and implement new modules for application development involving rules interface and transactions interface. * Development interface involved ORDS rules, OAO rules, and Wire rules. * Developed jobs triggered by CM automation involving UNIX scripts and job configurations to perform nightly jobs on database and cleanup operations. * End-to-end application development involving, real-time Base24 transactions to validation of transactions. * As an application developer supported the application during production issues to remediate any reported issues. * Fixing SSAP/OSS Black duck vulnerabilities issues to provide a consistent application and out of vulnerable attacks. * Work with various workgroups involved in the development, testing, deployment, and production handovers. * Enforce code quality and performance improvements. * Coordinated with offshore on development & deliverable. * Worked on priority production issues and fixed defects.   UAX Root Cause Analysis (Sep 2012 – Aug 2013) - Accenture Service USA (Client - State Farm Insurance, USA)  *Systems Analyst [Illinois, USA]*  Internet payment provides the ability for a new customer to purchase a new auto policy. Auto policies are purchased through the internet using the Unified Auto Experience (UAX) application. Customers may initiate a new application on UAX or they may choose to save their application and work with a Marketing Professional (Agent, Agent Staff and Quote and Bind associates) to complete the application. The Unified Auto Experience (UAX) is a common auto quote and purchase process for all access points so the customer experience is virtually the same whether they seek a quote through our Agent’s office, Quote & Bind, or online (internet).  *Service Support:* Analysis and identifying the root cause of a problem reported for Auto Quote and Purchase application, it’s a team that would work on more complex and time-consuming issues.  Responsibilities:   * Analyze the problem record from the incidents reported * Recreating the problem through reports from the incidents using JDT, Splunk, and Tealeaf tools. * Identify a pattern from the incidents and recreate the problem to provide an appropriate solution * Work with various workgroups involved for the problem reported and suggest a fix/delivering it. * Coordinated with offshore on development & deliverable. * Worked on priority production issues and fixed defects.   AQP (KA/KV) (April 2012 – June 2012) - Accenture Service India Pvt. Ltd. (Client - State Farm Insurance, Bangalore India)  *Senior developer*  Involved in knowledge acquisition and knowledge validation phase on an insurance module for Auto Quote and Purchase. Knowledge acquisition/validation is bound to understand the overall system architecture.  Responsibilities:   * Collaboratively build the knowledge about the system * Learn about the system and its business functionality * Ensure the knowledge capture document is complete with all the system information.   ILO-180(International labor Organization) – (September 2010 – February 2012) *Princess Cruise Corporation*  *Software developer*  ILO-180 is a web application designed specifically for the crew management of ships. Its agile-based web application development involves Crew management for a major cruise corporation. This application is designed for operation for the entire crew boarded on the ship to administrate their day-to-day work activities. Major contribution on the front end and business implementation. Worked with continuous interaction with the client to meet up daily deliverables.   1. Supervisor crew and its maintenance 2. Login module 3. Daily Record and its maintenance 4. Work pattern Creation and implementation 5. SOD Design 6. Clock Change module 7. PDF report generation   Responsibilities:   * Leading the team with business implementation and timely deliverable * Delivered front-end design and development on all the modules of the system. * Major involvement in coding, database design, build, and deployment of the application. * Working on an agile development environment involving monthly sprints. * Worked on each module complete end to end on business functionality * Fixing defects reported in backlog and change request delivery. * Preparing test cases, unit testing, and writing JUnits.   Langoor Application (April 2010 – July 2010) – *Major hotel groups*  *Software Developer*  Involved in iPad web application development for hotel customers, major contribution on page design and UI development, to make the customer easier access the menu accessories through iPad device.  Responsibilities:   * Langoor hotel menu display functionality * Design for the conventional usage of iPad mainly involved UI customization. * Food and Beverages menu display functionality * Preparing test cases and JUnits   mCom – Mobile commerce – (Jan 2010 – April 2010) - *for leading Airline*  *Software Developer*  Involved in mobile web application development for airline users, a major contribution to page design and UI development, and availability to access applications on mobile devices.  Responsibilities:   * Flight information availability display * Flight Booking and Status information * PDF generation for analysis of information on flight availability and booking * Preparing test cases and writing JUnits   Customer Goals Portal (Aug 2009 – Dec 2009) – *Interglobe Technologies*  *Software Developer*  Involved in a generic portal development for all managers for project tracking and reporting, by setting goals for their projects and submitting their actuals achieved for the project, the managers and the leads can submit the targets achieved and track the inputs in a portal.  Responsibilities:   * Project information with project metrics for individual projects and groups of projects for role-based users. * Auto Mail Reminders * PDF generation report for project metrics * Preparing test cases and JUnits   Airline Content Hub (ACH) (March 2008 – June 2009) – *For leading travel distribution system*  *Software Developer*  Airline Content Hub is an aggregated functionality that combines responses from one or more low-cost carriers’ airlines. Involved in development of generic Booking engine, adapter development for each airline, and their respective shop, price, and book module, primarily worked on the parsing on XML and building java objects called the adapter development.  Responsibilities:   * Adapter construction for Virgin Blue - Shop & Price services, Air Tran Book Modify Service, JetStar Customer Loyalty Service, and GOL - Shop & price services * Preparing test cases and writing JUnits * System analysis for Virgin Blue, Air Tran Book Modify, JetStar and GOL * Tracking closures of deliverables by addressing critical issues and change requests raised * Preparing HLD & LLD Documents * Design and Enhancement of ACH Test tool |
| **EDUCATION** | • Graduation – Bachelor of Engineering – Computer Science (under Anna University) 2007 |
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