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|  | Ramesh Kumar Naik  Associate Technical Architect  T0937 | |
| Skills Summary | | |
| Years of Experience: 13 years  • A passionate IT Software professional with over 13 years of rich experience in Application Development using Java  • Identified, conceptualized and documented appropriate technical solution approaches for various business scenarios and challenges  • Strong exposure of working on Java, JDBC, Hibernate, Spring & Spring Boot Frameworks  • Skilled in mapping clients’ business requirements and translating these requirements into functional specifications, custom designing solutions by following standard guidelines  • Excels in suggesting appropriate as well as technology-based solutions for enhancing functional efficiency of the organization and achieving business excellence  • Handled client interaction for requirement gathering; finalization of functional specifications; generating and compiling reports based on findings; with causes and solutions to systems issues  • Exposure in end-to-end development of software from requirement analysis to system study, designing, coding, testing, documentation and implementation  • Communicated with internal/external clients to determine specific requirements and expectations, managed client expectations as an indicator of quality  Core Skills: Java, Spring, Spring MVC, Spring Boot, Spring Cloud, Hibernate, Oracle, PostgreSQL, RabbitMQ, AWS VPC, EC2, Beanstalk, Application Load Balancer, API Gateway, Document DB, DynamoDB, Lambda Function , Step Function, SQS, SNS, Event Bridge, S3, AWS Cloud Trail, Docker/Local Stack, OKTA, SAML, OIDC, Smooks , Beanio, Envers, JaVers, Audit4J, Sequence Diagram, Data Model, Deployment Diagram  Self-Learned Skils (Currently not using in any project)  Angular, NgRx  React, Redux  Kubernetes, Istio | | |
| Current Experience | | |
| |  |  | | --- | --- | | TAVANT India | Oct/01/2021 | | | |
| **Project Name: TWMS (Tavant Warranty Management System/ Client HYG)**  **Project Description:** TWMS is a product of Tavant that enables its client to manage the warranty details of Truck. This application is used by both internal users of HYG as well as dealers. This project is an old project and currently in maintenance phase with a few CR and bug fixes.  **Technologies Used:** Java 8, Struts 2, Hibernate, Spring MVC, Oracle, Wildfly  **Role:** Lead, Development  **Responsibility:**   * Wrote code for CR * Analyzed Vulnerability report. * Provided technical support to team members   Duration: 9 months  **Project Name: Enact (Enact Cash and Billing Modernization)**  **Project Description:** The project modernizes the cash and billing application for Enact, a leading mortgage insurance company based in the USA. The project involved upgrading the existing system to enhance functionality, improve user experience, and ensure compliance with industry standards. Leveraging a microservice architecture, the modernization efforts included implementing around 20 microservices to handle various aspects of cash and billing processes.  **Technologies Used:**  **Java 17, Spring Boot, JPA**  AWS  VPC, EC2, Beanstalk (POC deployment purpose),  Application Load Balancer, API Gateway (Authentication/Authorization POC)  Document DB, DynamoDB (Analysis Document created for client to choose the correct service)  Lambda Function, Step Function, SQS, SNS, Event Bridge, S3 (Integration service POC)  Docker/Local Stack  (Authentication/Authorization POC)  OKTA  Azure LDAP  SAML  OIDC  (Audit POC)  Envers  JaVers  Audit4J  AWS Cloud Trail  **Role:** Lead, Development  **Responsibility:**   * Delivered design artefacts (Sequence diagrams, Data Models, LLD etc), POCs, Analysis documents of both User Management Service and Integration service on time. * Managed Integration team and got the user stories completed as per schedule. * Reviewed code. * Provided technical support to both my team member as well as other team members. * Worked with and helped BA to write user stories which are technical oriented. (integration stream and user management stream)   Duration: 1 years 6 months | | |
| **Project Name:**  **iQ+ (Client MGIC)**  **Project Description:** iQ+ is a software platform which helps the client (MGIC, an US based mortgage insurance company) to handle the underwriting and servicing of mortgage loans of borrowers. It facilitates both automated and manual underwriting and servicing. In case of automated flow, much of the document processing are done by iQ+ with no to minimal manual intervention. The user also has the option to make changes at any steps where manual processing is desired. iQ+ is a complex system and hence it has been implemented with micro service architecture with 50 odd microservices.  **Technologies Used:** Java, Spring Boot Cloud microservice technologies, Hibernate, Azure LDAP, RabbitMQ, Amazon S3, Alfresco, SWAI/TRUE OCR, FTP, Camunda, PostgreSQL, Splunk, Angular, Gradle, IntelliJ Idea  **Role: Associate Technical Architect**  **Responsibility:**   * Lead document service team * Analyzed requirement. * Designed solutions. * Distributed tasks to developer and ensured it’s on time completion. * Wrote POCs to help the developers. * Implemented User stories. * Did debugging and issue fixing. * Worked on Rapid7 and fortify scan issues. * Coordinated with other development teams, the QAs, the BAs and Infra team. * Prepared reports and provided updates on team progress to the Managers/Directors. * Attended client meeting. * Took ownership of load testing involving multiple teams.   Duration: 1 year | | |
| **Project Name: MCO Onboarding**  **Project Description:** MCO Onboarding is a data parser utility. It takes input provided by one of the downstream system and parses and transforms to another form based on the configurable transformation and validation logic  **Technologies Used:** Java, JDBC, hsqldb, oracle, Typesafe config, apache commons cli, apache jexl, solace  **Role:** Lead, Development  **Responsibility:**   * Analyzed requirement * Designed * Provided prototype * Wrote configuration files, shell scripts * Translated requirements given in excel format to SQL for data extraction * Wrote Junit test cases   Duration: 1 year  **Project Name: CMS (Conflict Management System)**  **Project Description:** CMS is used by control room for managing conflict clearance of PDR and PAD. The system is the basis of all conflict searches conducted by control room officer  **Technologies Used:** Java, Spring Boot, JPA (Hibernate), maven, oracle, Angular  **Role:** Lead, Development  **Responsibility:**   * Wrote UI forms * Validated user input * Wrote backend logic * Wrote SQL, JPQL queries * Wrote Junit test cases   Duration: 2.6 years  **Project Name: G&E (Gift & Entertainment)**  **Project Description:** G&E enables the user to record all the gift and entertainment details provided by the organization to its employ or vendor or received by employees from outside and their approval details  **Technologies Used:** Java, Spring Boot, JPA (Hibernate), maven, oracle, Angular  **Role:** Lead, Development  **Responsibility:**   * Wrote UI forms * Validated user input * Wrote backend logic * Wrote SQL, JPQL queries * Wrote Junit test cases   Duration: 2.6 years | | |
| Previous Company 2: Banca Sella | | Jan/03/2014 – Feb/28/2019 |
| **Project Name:** FinanzaTDT (Trasferibilità Dossier Titoli)  **Project Description:** FinanzaTDT is a software project which facilitates Backoffice user to transfer financial instruments in Gruppo Banca Sella (GBS). Using this application, instruments can be transferred among those banks that are part of TDT network. TDT defines standardized protocol for interbank communications. The application handles both incoming and outgoing transfer.  **Technologies Used:** Java, Spring MVC, Hibernate, Oracle, WebLogic, Maven, HTML, CSS, JQuery  **Role:** Senior Software Developer  **Responsibility:**   * Developed User Interface screens using JSP, jQuery * Validated client-side user inputs in JavaScript. * Involved in writing of unit test cases * Implemented logic for database operation * Improved performance of batch processing(70% time reduced) * Fixed issues * Maintained * Fixed sonar violations * Took ownership   Duration: 5.2 years  **Project Name:** FinanzaTRAU (Trasferimento Titoli Autorizazione)  **Project Description:** This software project is used to transfer financial instruments from GBS to other banks that are outside TDT network. Unlike FinanzaTDT where communication is standardized, FinanzaTRAU relies on FAX, email and paper-based communication. This application handles only outgoing transfer.  **Technologies Used:** Java, Spring MVC, Hibernate, Oracle, WebLogic, Maven, HTML, CSS, JQuery  **Role:** Senior Software Developer  **Responsibility:**   * Wrote client-side validation plus server-side validation. * Involved in writing of unit test cases * Fixed issues * Fixed sonar violations * Maintained   Duration: 5.2 years  **Project Name:** FinanzaGestTrasf (Gestione Trasferimenti)  **Project Description:** FinanzaFGT automats some of the manual operations involved in contabilisation(i.e. loading and unloading of instruments ). Earlier Backoffice user would open SMIT console (SMIT is a third-party application which has both UI and API) and manually enter data about the transfer. But now FinanzaFGT takes care of this process by accessing SMIT through its API.  **Technologies Used:** Java, Spring MVC, Hibernate, Oracle, WebLogic, Maven, HTML, CSS, JQuery  **Role:** Senior Software Developer  **Responsibility:**   * Developed User Interface screens using JSP, jQuery * Implemented logic for database operation * Wrote client-side validation plus server-side validation. * Optimized SQL queries * Coordinated with testing team * Implemented pagination logic * Involved in writing of unit test cases * Fixed issues * Fixed sonar violations * Maintained * Took ownership   Duration: 5.2 years  **Project Name:** FinanzaTrasferimenti (Trasferimenti)  **Project Description:** If the transfer of financial instruments happens between two banks of Gruppo Banca Sella, then FinanzaTrasferimenti project is used for the same. The process involved in transferring instruments among the group banks are relatively simple.  **Technologies Used:** Java, Spring Boot, JPA(Hibernate), Oracle, Maven  **Role:** Senior Software Developer  **Responsibility:**   * Wrote client-side validation plus server-side validation. * Wrote UI in Angular * Fixed issues * Fixed sonar violations * Maintained   Duration: 2.5 years  **Project Name:** FinanzaOTC (Over-The-Counter)  **Project Description:** FinanzaOTC facilitates trading of securities which are not listed in stock exchanges. Such types of securities can be traded in over-the-counter market through dealer and intermediary banks. In this context Gruppo Banca Sella acts as a financial intermediary to parties involved in such transactions.  **Technologies Used:** Java, Spring Boot, JPA(Hibernate), Oracle, Maven  **Role:** Senior Software Developer  **Responsibility:**   * Wrote client-side validation plus server-side validation. * Wrote UI in Angular * Fixed issues * Fixed sonar violations * Maintained   Duration: 2.5 years | | |
| Previous Company 3: CALLISTO INFOSOLUTIONS | | Mar/05/2012 – Dec/27/2013 |
| **Project Name:** OHC (Online based Health Care)  **Project Description:** OHC facilitates the doctors to register their patient’s history as well as medicine and investigation advises with their results in web. It provides a query reference for the doctors. Doctors can use this information for further advice. In this system patient will be facilitated with user-id and password to get the relevant information about their previous history. No patients will suffer for getting an appointment from the doctor because all information about the doctor will be available in the net. In any condition a patient needs an appointment, he can send a message and get the appointment.  **Technologies Used:** JAVA, Spring, Struts and Hibernate, HTML, CSS, JavaScript  **Role:** Software Developer  **Responsibility:**   * Developed User Interface screens using JSP, jQuery, CSS * Validated client-side user input in JavaScript. * Wrote code for backend processing in JAVA, Struts 2.0 and Hibernate 3.0. * Involved in development of Unit test cases for the modules. * Implemented API for database operation and Implementing with Application.   Duration: 1.9 years | | |
| SYSTEMS PROFICIENCY | | |
| **Primary Skills: Java**  **Operating System: Windows, Linux**  **Languages: Java 6/7/8/11, Python 3.x (Basic), Shell (Basic)**  **Technologies: RabitMQ, Amazon S3, Alfresco, SWAI/TRUE OCR, Splunk**  **Framework: Spring, Spring MVC, Spring Boot, Spring Cloud**  **ORM Tool: Hibernate**  **Database: PostgreSQL/Oracle 10g/11g**  **Application Servers: Apache Tomcat 7/8/9, WebLogic 11g/12c**  **Development Tools: Eclipse, Visual Studio Code, IntelliJ IDEA**  **Web Technologies: HTML, CSS, XML, Ajax, jQuery, JSON, Angular**  **Design Pattern: MVC (Model View Controller)**  **Tools: Maven, Gradle Git, FileZilla, WinSCP, Putty** | | |
| Education | | |
| • MCA from Punjab Technical University in 2012  • BA from Sambalpur University, Odisha in 2009 | | |
| Domain Expertise | | |
| Insurance (1.0)  Banking (7.8)  Health (1.9) | | |
| ACHIEVEMENT/CERTIFICATION/TRAINING | | |
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