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**Padmanaban A**  
Senior Back-end Developer

**Experience Summary**

* *8.2 years’* work experience as a “**Software Back-end Developer**” in Development, Systems Analysis, Testing and Maintenance.
* Strong in JAVA applications development based on JAVA/J2EE platforms - **Object Oriented Programming, Java 8, 11, Java Collection Framework, Spring Boot REST API, GraphQL, Reactive Microservices, Spring Security, Spring Web flex, Hibernate, JWT, Swagger, Junit – Mockito, PL/SQL**
* Good understanding and hands-on experience on **JavaScript, HTML, CSS & React JS (basic).**
* Having hands on experience **in Git, SVN, Maven, Apache Tomcat, Apache karaf,** Docker**,** Kubernetes **bitbucket, ADL**
* Strong database experience **in SQL, MySQL, Oracle** **& (NoSQL- Cassandra)**
* Cloud based experience in **Aws S3 Bucket, Azure Blob, Git Action, Azure Data Lake**
* Having hands on experience in handling real time issue fixing, Knowledge Transfer and Business Knowledge. Professional skills in a stable and dynamic workplace and grow along with the company, through innovation, teamwork, quick learning, undertaking, challenging, assignments.

 **Skills Summary**

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| **Programming Languages** | Java, Reactive programming |
| **Frameworks** | Spring boot, Spring, Spring MVC, Microservices, JSF, Reactive MS |
| **ORM Tools** | Hibernate, Spring Data JPA |
| **Data Base Tool** | MS SQL Server, MySQL, Oracle SQL Developer, NoSQL, Azure Data Lake |
| **Integrated Development Environment** | Eclipse, Spring Tool, IntelliJ |
| **Operating Systems** | Windows, Ubuntu, Linux |
| **Cloud Technologies** | Azure, GCP, AWS |
| **Tools** | Gradle, Apache Tomcat, Maven, GIT, Jenkins, Kubernetes,Docker |
| **Other Languages** | Java Script, Shell Scripting, React Js |

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Description automatically generatedKey Projects**

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| |  |  |  |  | | --- | --- | --- | --- | | **Project 1** | | | | | **Project Name** | **Channel Partner Management** | Team Size | 6 | | **Start Date** | May 2024 | End Date | Jan 2025 | | **Project Description** | Channel Partner Program, migrating existing employee records to new process (from ICON to MyP4P), the 'Channel Partner Database' setup on ITaaP will be used as a solution building block for managing partner employee master data. Entire partner master hierarchy implementation in database, automation of data movement between ICON to ITaaP , new complex hierarchy for the Partner, Contracts and Employees to be maintained in ITaaP database, Totara system integration for the learning requirements are included. | | | | **Role & Contribution** | * Developed REST endpoints with multiple microservices for Sales Order Services & Qualification services * Created the new microservices and retrieved data from Azure data lake using GraphQL integrated with Rest APIs. * Analyzed the business requirements, designed the backend for individual modules and maintained their relationships. * Collaborated with the team to identify and resolve technical issues. * Wrote JUnit for classes using Junit & Mockito, performed performance & security testing. * Coordinated with the testing team to resolve bugs and ensure smooth delivery of the product. * Migrated to JDK 21, Spring Boot 3.0, integrated with SonarQube coverage achieving 80%, successfully deployed into production. * Individually developed the batch scheduler for the microservice, successfully completed | | | | **Technology & Tools** | Java 11, 21. Reactive Programing, Reactive Spring boot, Reactive Microservices, Junit Mockito, Rest API, GraphQL, Swagger Ui, Gradle, Git, Azure Devops, ADL, PL/SQL, Spring Data JPA, Docker & Kubernetes | | |   **Project 2** | | | |
| **Project Name** | **Virtuoranc Planning Design** | Team Size | 8 |
| **Start Date** | Dec 2021 | End Date | Jan 2024 |
| **Project Description** | Optical Network Design and Planning tool (WDM) - Virtuora WDM Control, which is software for intelligent networks. The Fujitsu New Optical Networks solution uses the Virtuora software suite and the 1FINITY hardware platform | | |
| **Role & Contribution** | * Developing the rest endpoint for the Viper design, reachability API. * Involved features module New Template, viper design and reachability, BOM Report, Wavelength in VPD (WDM) * Understanding the business requirements and design the backend for individual module and the relationship between them. * Collaborating with the team to identify and fix technical issues. * Bug fixing and maintenance of the product. * Writing JUnit for existing classes using Junit, Mockito * Guiding the junior team member in ramping up in VPD * Coordinating with the testing team for fixing bugs and ensured smooth delivery of the product. * Development & testing in Linux environment | | |
| **Technology & Tools** | Core Java, Java 11, Junit – Mockito, Java Rest API, Swagger Ui, Apache Karaf, Maven, Git, Bitbucket, JavaScript, Linux Shell Scripting, Jenkins | | |

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| **Project 3** | | | |
| **Project Name** | **Renault Parts (RPS)** | **Team Size** | 6 |
| **Start Date** | Jan 2020 | **End Date** | Nov 2021 |
| **Project Description** | RPS is a Web based e-commerce B2B portal used by suppliers and dealers to order sparc parts needed for garages. | | |
| **Role & Contribution** | * Developing the Code as per the requirements * Created Microservices for various business logic. * Involvement in the complete cycle of Software Development Life Cycle. * Reverse Engineering of legacy code (Java 5, structs) into Java 8, Spring boot. * Bug fixing and maintenance of the product. * Deployed project with AWS Environment | | |
| **Technology &Tools** | Java | Spring Boot and Microservices | Kubernetes| Kafka| Unix Shelf Scripting | | |

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| **Project 4** | | | |
| **Project Name** | **Hospital Reports Outcome (HRO)** | Team Size | 3 |
| **Start Date** | Mar 2017 | End Date | Nov 2019 |
| **Project Description** | Solvedge’s Hospital Reports Outcomes Project is a web-based dashboard to support tracking and reporting of outcomes and to help identify key performance drivers to support quality improvement. recommendations. This provides various data comparisons between metrics and hospital profiles arrive at benchmark data & do a trend analysis over the time which will benefit towards building up effective service line programs. | | |
| **Role & Contribution** | * Developing the Code as per the requirements. Involved in Analysis, Designing & Development * XML response using Servlet. Developing the JSF and Prime faces Pages. * Involving in migration into Java 8, spring hibernate Integration. * Bug fixing and maintenance of the product. Analysis Stored Producers and create Queries. * Involved in coding DAO classes and mapping files using Hibernate 3.0. * Coordinated with co team members to develop high level business and technical documents. * Worked in writing services to send/receive files to and from azure blob storage. | | |
| **Technology & Tools** | Java 8, Servlets, JSF, Spring, Hibernate, LDAP, Azure – Blob, AWS – lambda, Swagger Ui | | |

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Description automatically generatedEducational Qualification**

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| **Education & Credentials** | B.E (Bachelor of Engineering) 2015 |

**Awards and Achievements**

* Best Employee of Month - October 2019 in Solv Edge Technology service.

