

**Padmanaban A.**  
**Senior Java Developer**

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## Summary

- Have 7.8 years of experience as a Software Back-end Developer in Development, Applications design, Integration, Maintenance, Implementation, testing of various client/server and Web application.
- JAVA applications development based on JAVA/J2EE platforms - **Object Oriented Programming Concepts, Java Collection Framework, Java 8 - 11, Java Collection Framework, Spring Boot REST API, GraphQL, Reactive Microservices, Spring Security, Spring Web flux, CI/CD, Hibernate, JWT, Swagger, Junit – Mockito.**
- Experience in Software Development Lifecycle (SDLC) using different software models and creating modules of the application using HLD, analysis, coding for modules and testing.
- Good understanding and hands-on experience on JavaScript, HTML, jQuery, CSS & React JS – beginner.
- Strong database experience in SQL, MySQL, Oracle, PL/SQL & (NoSQL- Cassandra)
- Cloud based experience in Aws S3 Service, Azure blob, Azure Data Lake
- Having hands on experience in Eclipse, Git, SVN, Maven, Apache Tomcat, Apache karaf, bitbucket, JaCoCo, Kibana, Docker, Kubernetes & Azure Devops – CI/CD.
- 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.

## Experience Summary

- Solvedge Technology Services, Chennai from January 2016 – November 2019
- Renault Nissan Technology and Business Centre, Chengalpattu (Near Chennai, Tamil Nadu) from January 2020 – November 2021
- Wipro Limited, Chennai from December 2021 – December 2023.
- LTIMindtree, Chennai from January 2024 – till date.

## Academic Profile

- **BE – Bachelor of Engineering** from John Bosco Engineering College (Anna University) 7.25(CGPA) - (2011-2015).

## Technical Expertise

<b>Languages</b>	: Java-J2EE, SQL
<b>J2EE Technologies</b>	: JSP, Servlet
<b>Framework</b>	: Spring, Spring Boot, Reactive Microservice, Spring Web flux
<b>Data Base Tool</b>	: MS SQL Server, MySQL, Oracle SQL Developer, NoSQL (Cassandra)
<b>ORM Tool</b>	: Hibernate, JPA
<b>Frontend Language</b>	: Java Script, jQuery, JSF, CSS, React Js
<b>Operating System</b>	: Windows, Linux

<b>Tools</b>	: Apache Tomcat, Maven, GIT, Bitbucket, Kafka, Kubernetes, Docker, Jenkins, JWT, Gradle, Azure Devops, K6, Kibana
<b>IDE</b>	: Eclipse, IntelliJ, STS4

## **Professional Experience**

### **LTIMindtree (Feb 2024 to Jan 2025)**

#### **Project: Channel Partner Management**

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**Role:** Senior Developer

**Tools/Technology:** Java 11, Reactive Programming, Spring boot, Spring Web Flux, Spring Security, Reactive Microservices, Junit Mockito, Rest API, GraphQL, Swagger Ui, Gradle, Git, Azure Devops, Spring Data JPA, CI/CD, Docker & Kubernetes

**Database:** PL/SQL, ADL

**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.

**Roles and responsibility:**

- 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.
- Analysed 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 timecard microservice, successfully deployed.

### **Wipro Technologies (Dec 2021 to Nov 2023)**

#### **Project: Virtuoranc Planning Design (VPD)**

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**Role:** Senior Project Engineer

**Tools/Technology:** Core Java, Java 8, Junit – Mockito, Java Rest API, Maven, Git, Bitbucket, Jenkins, OSGI, Apache karaf

**Database:** NoSQL- Cassandra

**Description:** Optical Network Design and Planning tool (WDM)

**Roles and responsibility:**

- 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
- Involvement in the complete cycle of Software Development Life Cycle.
- Development & testing in Linux environment.

## Renault Nissan Technologies (Jan 2020 to Nov 2021)

### Project: Renault Parts (RPS)

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**Role:** Senior Engineer

**Tools/Technology:** Java, Spring Boot and Microservices, Kubernetes, Docker, Kafka, Unix Shell Scripting

**Database:** Oracle SQL Developer

**Description:**

RPS is a Web based e-commerce B2B portal used by suppliers and dealers to order sparc parts needed for garages.

**Roles and responsibility:**

- 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

## Solvedge Technologies (Jan 2016 to Nov 2019)

### Project 1: Hospital Reports Outcome (HRO)

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**Role:** Software Developer

**Tools/Technology:** Java, Servlets, JSF, Spring, Hibernate, LDAP, Azure, XML

**Database:** MS SQL Server 2008

**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 period which will benefit towards building up effective service line programs.

**Roles and responsibility:**

- 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.
- Deployed project and involved the blub API with Azure Environment

## Project 2: Recovery Coach

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**Role:** Software Developer

**Tools/Technology:** Java, Spring Boot, Hibernate, Swagger, REST API, AWS

**Database:** MS SQL Server 2008

**Description:**

Solvedge's Recovery Coach Project that brings Hospital data and process together to achieve business goals and objectives in the Healthcare domain. With the built-in workflow, users can be able to communicate with the hospitals easy. Helps the provider to monitor and track the progress before the surgery through after the discharge and in recovery. It has various roles like Admin, Care coordinator, Patient, Care Navigator, etc.

**Roles and responsibility:**

- Involved in collecting the requirements from Project Manager.
- Bug fixing and maintenance of the product.
- Responsible for coding of DAO, Transaction, Service classes using spring with hibernate.
- Responsible for validating the user.
- Involved in developing the user-integration pages for configuration system.
- RESTful webservice creation for android and iOS device support.
- Involved in writing services to send/receive files and from S3 Service.

**Personal Information**

Father Name : A Arunachalam  
Gender : Male  
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