

Manoj Patidar

Java Tech Lead/Sr. Developer

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CORE COMPETENCIES

- More than 14 years of experience in development of scalable and efficient web applications with proficiency in various frameworks such as Core Java, Spring Boot, Spring MVC and Hibernate.
- Proficient in Java microservices architecture, with hands-on experience in designing, developing, and deploying microservices-based solutions.
- Expertise in designing scalable and resilient application architectures using best practices and architectural patterns.
- Experienced team leader, skilled in fostering a collaborative team environment, encouraging innovation, and promoting continuous learning and improvement.
- Proficient in Agile/Scrum methodologies, with hands-on experience in sprint planning, daily stand-ups, and sprint retrospectives to ensure collaborative software development.

SKILLS

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| Programming Languages | Java, Java Script |
| Framework & API | Spring, Spring Boot, Rest API, Hibernate, Struts, Java Collection, JSON |
| Front End Technologies | React, HTML, CSS |
| Database | Oracle, DB2, MS-SQL, MongoDB, PostgreSQL, DynamoDB |
| Cloud Services | AWS EC2, IAM, SNS, RDS, S3, EKS, ELB, Lambda, Step Functions, Cloud Watch, Azure AKS, Azure Active Directory, Azure Virtual Machine, Azure API Management, APP Config, APP Insight |
| Microservices | API Gateway, Service Discovery, Config Server, Circuit Breaker, CQRS, SAGA |
| DevOps Tools | Docker, Kubernetes, Jenkins, Terraform, Azure DevOps |
| Development Tools | IntelliJ, SQL Developer, Postman |
| Testing Tools | JUnit, Mockito, JMeter |
| Messaging system | Kafka, Azure Service Bus, AWS SQS |
| Version Control | GitHub, Bit Bucket |

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| Project Management | Jira |
| Certification | OCJP, OCWCD |

Employment History

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| ✓ Oct 2024 – Jan 2025 | Principal S/W Engineer – WorldPay India Pvt. Ltd. |
| ✓ April 2024 – Sept 2024 | Senior Java Developer – Topia |
| ✓ March 2023 – Jan 2024 | Tech Lead – Persistent Systems, Indore |
| ✓ Aug 2022 – March 2023 | Tech Lead – Brisa Technologies, Bangalore |
| ✓ Jan 2020 – July 2022 | Tech Lead – Camellia InfoTech, Pune |
| ✓ Aug 2010 – Dec 2020 | Developer, Tech Lead, TCS Mumbai |

Academic Qualification

B.E in Computer Science with 75% from Barkatullah University, Bhopal
Graduated: May 2009

RECENT PROJECTS

WORLDPAY PAYMENT SYSTEM

Company: **WORLDPAY India Pvt. Ltd.**

Project Duration: **Oct 2024 – Jan 2025**

Project Brief: Worldpay is a global leader in payment processing services, offering secure, efficient, and scalable solutions for businesses worldwide. The platform facilitates a variety of payment methods including credit and debit cards, digital wallets, bank transfers, and alternative payment methods. Worldpay’s focus is on providing robust, secure, and high-volume transaction processing for clients across industries, with an emphasis on scalability and seamless integration with e-commerce platforms, point-of-sale systems, and financial ecosystems.

Roles and Responsibilities:

- Led Technical Architecture and Design of payment processing systems, ensuring the scalability, security, and high availability of payment workflows across multiple regions and clients. Defined best practices and architecture for API integrations (REST/SOAP) for secure transaction processing between Worldpay and clients.
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- Architected and Delivered Critical Integrations with key clients and partners, including global payment providers and fintech platforms. This involved:
- Overseeing the design and implementation of payment solutions for large-scale clients
- Collaborating with business teams to map technical requirements to payment workflows
- Designing flexible, reusable integration components to handle client-specific requirements.

Technology Stack: Spring Boot, Rest API, Spring Security, Microservices, Azure, Kubernetes, Docker, Jenkins, Junit.

TOPIA Mobility

Company: TOPIA

Project Duration: April 2024 – Sept 2024

Project Brief: Topia platform enables organizations to deliver mobility as part of a broader talent strategy encompassing all types of employee movement – remote and distributed workforces, business travel, and more traditional relocations and assignments. It automates the entire global talent mobility process, including scenario-based planning, expat payroll, tax and immigration compliance and reporting. Topia Integrates with Client through their HRIS systems and Integrates with various Providers using REST/SOAP APIs. It provides end-to-end mobility for the Clients across the globe.

Roles and Responsibilities:

- Integrated Multiple Clients such as Moody and ACME to TOPIA systems using REST and SOAP APIs. The task Involves connecting and getting client data, creation of Mapping templates, creation of Mobility workflow and testing the whole workflow end to end with Client
- Added Deloitte as Provider to the TOPIA system, this Involves the Deloitte API Integration, Initiation of Mobility workflow and testing the flow and validating with Provider.
- Involved in resolving very complex UAT and Production issues.
- Fixed a Very High Severity Netflix connectivity issue which was pending for more than Six month. The task involves analyzing and fixing the connectivity issue with Netflix with SOAP API.
- Highly appreciated by the Topia Management for Work Commitment and Resolving critical issues in very little time.

Technology Stack: Spring Boot, Rest API, Spring Security, Microservices, AWS, Kubernetes, Docker, Jenkins, Junit, PostgreSQL, Data Dog.

ECDH (Electronic Care Data Handling)

Company: Persistent Systems

Project Duration: April 2023 – Present

Project Brief: The ECDH system is designed to streamline the collection, transformation, and enrichment of US Health Care data. It aggregates data from various vendors in raw HL7 format, converts it into JSON fire bundles, and enhances it with Patient and Facility information. The enriched data is then securely stored in the Optum Care database, serving both external clients and internal users within Optum Care.

Roles and Responsibilities:

- Spearheaded the development of a Data Enrichment Pipeline for HL7 healthcare messages, utilizing Spring Boot, Kafka, AWS Lambda, and Step Functions.
- Implemented an automated Jenkins pipeline to facilitate the seamless deployment of applications on an AWS EKS cluster.
- Contributed to the development of reusable microservice components such as Authorization, Error Reporting, and Notification services for the ECDH Project.
- Designed and developed the EDI module for the project, serving as a data exchange interface between the application and TIBCO. Leveraged Spring Boot and JSON APIs for module development.

Technology Stack: Spring Boot, Rest API, Microservices, Kafka, AWS Lambda, API Gateway, Kubernetes, Docker, Jenkins, Terraform, Junit, SonarQube, DynamoDB.

TRANSPORT MANAGEMENT PLATFORM

Company: Brisa Technology

Project Duration: July 2022 to March 2023

Project Brief: TMP is a vehicle automation platform which automates the Warehouse trucks to load and unload goods from one point to another within the warehouse premises without a driver. Warehouse map is created with routes and pickup and drop-off points. Vehicles and other devices such as Sensors and call buttons are modeled into the system. The user creates a Transport Order by selecting source and destination. Once the order is created and sent to the vehicle, the Vehicle starts processing the order and once the order finishes the Vehicle returns back to the parking lot.

Roles and Responsibilities:

- Utilized Spring Boot along with Spring and Hibernate for application development.
 - Employed agile methodology (Scrum) for all development and support tasks throughout the project.
 - Implemented a significant change aimed at restoring the application's state when adding a vehicle/sensor/trigger to the system. This modification prevented the system from resetting its state, thereby enhancing system efficiency.
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- Engaged with AWS EKS Cluster and EC2 instances for testing and deploying the application.

Technology Stack: Spring Boot, Hibernate, Kubernetes, Docker, EC2, TCS (third party API), RTI(Queueing system), PostgreSQL, Junit, SonarQube, ReactJS, CSS, html.

PRENDIO

Company: Camelia Infotech

Project Duration: Jan 2020 to July 2022

Project Brief: Prendio is a cloud-based eProcurement SAAS solution built specifically for biotech. This software makes obtaining lab equipment, supplies, and services painless with streamlined ordering, tracking, receiving, and accounts payable modules built to accelerate research and development. It offers biotech supplier punchouts and gives full control and visibility of approvals, accounts payable, and procurement to shorten product development cycles to the bio tech customers.

Roles and Responsibilities:

- Developed microservices to send the bills and initiate the payment with the ERP systems of the Customers.
- Developed Lambda functions to extract and validate Invoice data
- Moved the notification services from Java Mail API to AWS SNS for better service delivery
- Utilized Spring Boot with Spring and Hibernate for application development.
- Implemented agile methodology (Scrum) for all project development and support tasks.

Technology Stack: Spring Boot, Rest API, Hibernate, AWS Lambda, SNS, Kubernetes, Docker, MYSQL, Junit, Mockito, SonarQube.

CRA ONLINE SYSTEM

Company: TCS

Project Duration: Sept 2019 – Dec 2020

Project Brief: CRA serves as the record-keeping system for the National Pension Scheme catering to Government and Corporate Employees across India. Each subscriber is assigned a unique PRAN number, and scheme preferences are established accordingly. Government entities invest subscribers' monthly pension contributions into various schemes managed by Fund Managers appointed by PFRDA, based on these preferences. Monthly contribution details of registered subscribers are uploaded into the system, and corresponding contribution amounts are deposited with the Trustee Bank.

Roles and Responsibilities:

- Led a team of approximately 12 members, providing guidance and direction for development
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- Developed modules for Claims, Subscriber Registration, and Scheme Preference Change.
- Implemented the Subscriber Contribution Upload module utilizing Message Beans and Session tables.

Technology Stack: Java 5, EJB, Struts, JSP, Oracle, WAS

ADR (AD Relevance)

Company: TCS

Project Duration: March 2014 to Aug 2019

Project Brief: AD Relevance is an internet crawler developed to capture ADs from various internet sites for Nielsen online. The ADs and AD specific data are captured and stored in the system. The ADR uses JS interpreter to interpret java script recursively until it gets the actual url of the ad. Once it gets the ad, it stores the details such as Site URL, AD URL, AD type, AD size, AD technology into the system along with the AD. It generates ratings for each AD based on available data. The complete information along with the localized AD is made available to the customer on ADR Front End application.

Roles and Responsibilities:

- Served as an Onsite technical lead for ADR US and ADR EMEA products.
- Managed and directed a team of 8 offshore team members.
- Offered technical assistance to the offshore team and worked as a client coordinator.
- Responsible for overseeing the ADR system and POC for all high-priority issues.
- Worked as a Java architect and lead for the Project.

Technology Stack: Core Java, Multi-threading, RHINO JS Interpreter, Oracle, Linux, JSP, Struts, Cruise Control

Restaurant Management System

Company: TCS

Project Duration: Aug 2012 to Feb 2014

Project Brief: Restaurant Management System is a comprehensive software solution designed to streamline and automate various operations within a restaurant. It encompasses functionalities such as order management, table management, menu management, inventory management, billing and payment processing, reporting and analytics, employee management, and customer relationship management. This system aims to enhance efficiency, accuracy, and customer satisfaction while optimizing restaurant operations and maximizing profitability.

Roles and Responsibilities:

- Worked as an Architect in the Project.
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- Migrated Restaurant Management System from Oracle Forms to J2EE platform with Spring & Hibernate.
- Did requirement analysis, design and development of the application. Used Spring and Hibernate.
- Developed Proof of Concept for the application.

Technology Stack: Spring, Spring MVC, Hibernate, JSTL, HTML, CSS, Oracle, Tomcat, UML.

Auto Ship

Company: TCS

Project Duration: Nov 2011 to July 2012

Project Brief: Auto Ship is a software solution designed to facilitate the efficient management of pharmacy operations. It typically includes features such as inventory management, prescription processing, patient profiles, billing and invoicing, medication dispensing, drug interaction alerts, prescription refill reminders, reporting and analytics, and regulatory compliance tools. The system aims to streamline pharmacy workflows, improve accuracy in dispensing medications, enhance patient safety, ensure regulatory compliance, and optimize inventory control for better financial management.

Roles and Responsibilities:

- Created GUI with Java Server Faces and used map backed beans to create complicated data input screens.
- Resolved the problem of displaying huge data by use of temporary session tables and using cached row set.
- Implemented the project within a small time of 4 months, with team of 10 members.

Technology Stack: JSF, EJB, Oracle, WAS

CAT

Company: TCS

Project Duration: Sep 2010 to Oct 2011

Project Brief: CAT is a software platform designed to effectively handle and resolve errors or discrepancies in financial transactions for Citibank. It typically involves features such as logging and tracking of errors, automated notifications to relevant personnel, categorization of errors based on severity, assignment of tasks to individuals or teams for resolution, documentation of resolution steps taken, audit trails for accountability and compliance purposes, and reporting capabilities to analyze trends and improve processes. The system aims to streamline error resolution workflows, minimize financial losses, enhance operational efficiency, and ensure regulatory compliance in financial transactions.

Roles and Responsibilities:

- Designed the screens & database objects; also replaced existing code with simple & reusable codes.
- Designed and developed the data access layer of the system.
- Created effort tracking process for development effort of the team resulting in saving of 50 PD of efforts.

Technology Stack: Struts, EJB, Oracle, JSP, HTML, CSS, FileNet, WAS

Trainings and Workshops**Training Programmes Attended:**

- ✓ IQMS Project Leader training.
- ✓ Six Sigma Web Based training.
- ✓ SCJP and SCWCD Java certification.

Workshops Conducted:

- ✓ Two days' workshop on springs and hibernate.
 - ✓ One day workshop on Struts
 - ✓ One day workshop on J2EE including JSP and Servlets
 - ✓ One day workshop on J2EE including EJB.
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