

Vijay Tambe

Technical Lead | Architect | Development Manager

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PERSONAL STATEMENT

Hands-on Technical Lead and Architect with **15 years of experience** designing and delivering enterprise web platforms, microservices, and RESTful APIs across the telecoms, e-commerce, and B2B domains. Proven track record of owning systems end-to-end — from architecture and API design through development, deployment, and production support — while leading and mentoring engineering teams. Deep expertise in Java, Spring, Spring Boot, and microservices architecture, with strong front-end capability in React and JavaScript and practical experience across AWS and Azure. Early adopter of AI-assisted development using Cursor and Claude to accelerate engineering output and raise code quality.

TECHNICAL SKILLS

Java Technologies	Core Java, Java EE, JPA, Streams, Lambdas, Collections
Java Frameworks	Spring, Spring Boot, Hibernate, JUnit, Mockito, Liferay, Oracle ATG, Swagger
Secondary Languages	Python, .NET (C#)
Web Technologies	React, JavaScript, NodeJS, HTML, CSS
Databases	MySQL, PostgreSQL, H2
Template Engines	JSP, Thymeleaf
IDE	Eclipse, IntelliJ, VS Code, Cursor
AI-Assisted Development	Cursor, Claude
Cloud	Microsoft Azure, AWS
DevOps	Docker, CI/CD, Jenkins
NoSQL	Solr, Oracle Endeca, MongoDB
Version Control	Git, SVN
Build Automation	Maven, Gradle
Libraries	POI, Apache Commons, HttpComponent, XDocReport, Liquibase, Lombok, Gson, Jackson, Snake YAML, Dom4j, SLF4j
Web Services	REST, Microservices
Agile Development	Agile, Scrum, TDD

PROFESSIONAL EXPERIENCE

Development Manager — Akixi Ltd

Feb 2024 – Present

Project: Akixi – A call analytics platform

- Lead 3 engineering pods at Akixi, owning end-to-end delivery of the call analytics platform — from roadmap planning with product owners and stakeholders through release execution and post-release support.
- Delivered the Microsoft Teams integration for real-time call analytics — a major platform release — and introduced a microservices architecture to support real-time data flow and unlock future scalability.
- Acted as hiring manager to scale the engineering organisation, recruiting and onboarding 4 new developers across the pods.
- Remained hands-on technically — partnering with platform and support teams to troubleshoot major production incidents (including a critical server-down outage) and drive them to full resolution.
- Championed adoption of modern engineering practices, including AI-assisted development with Cursor and Claude, to accelerate delivery and improve code quality.
- Mentored team leads and engineers, fostering a culture of accountability, continuous improvement, and technical excellence across the pods.

Software Development Lead — Akixi Ltd

Dec 2022 – Feb 2024

Project: Akixi – A call analytics platform

- Led a cross-functional scrum team of 7 (developers and QAs), driving on-time, high-quality delivery aligned to business priorities on a 2-week sprint and monthly release cadence.
- Partnered with the product owner to refine epics, then worked with the team to break them into stories, size them, and run sprint planning, execution, and retrospectives.
- Collaborated with architects on solution design — contributing to scalability, maintainability, and performance decisions across new and existing platform components.
- Provided hands-on technical leadership: setting coding standards, leading code reviews, and stepping in on complex implementation work alongside the team.
- Drove proactive risk management and technical problem-solving across sprints, balancing delivery commitments with engineering quality.
- Mentored engineers across the team, supporting their technical and career growth, and championed knowledge sharing, peer learning, and a culture of accountability and continuous improvement.

Senior Software Engineer — Akixi Ltd

April 2020 – Dec 2022

Project: Akixi – A call analytics platform

Brief description: A telecom-sector, cloud-based call analytics platform. It helps businesses provide in-depth analysis of how their calling services (sales, support, etc.) are performing, identifying bottlenecks that can be used to improve call control services.

- Architected and built the platform's RESTful API layer from scratch using JAX-RS, replacing the legacy SOAP APIs and establishing the patterns and conventions later adopted across the product.
- Enabled the front-end modernisation programme by exposing the new REST APIs, supporting the migration of the user interface from JSP to React.
- Integrated key telephony and collaboration APIs — BroadWorks, Webex, and Microsoft Graph — to extend the platform's call analytics and reporting capabilities.
- Designed and delivered new features end-to-end on the call analytics platform — owning technical design, implementation, code review, release, and post-deployment support.
- Mentored 2 interns and 2 junior engineers through pairing, design reviews, and code reviews, accelerating their ramp-up to productive contributors.
- Triaged and resolved production issues alongside QA and support, and maintained technical documentation in Confluence to support team scaling.

Java Developer — Avenir Digital Ltd

May 2017 – March 2020

Project: CNHI – enterprise application for CNHI dealers

Brief description: Enterprise application for CNHI dealers, used in their day-to-day business to maintain customer details, sales info, product catalog, sales reports, document storage, and promotions. Multilingual application used across Europe, handling 2,000 dealers and hundreds of thousands of customer records and products.

- Involved in requirement gathering, user story design, and implementation.
- Designed and developed Spring MVC portlets to render content on-page; designed and developed UI with HTML, CSS, JavaScript, and jQuery.
- Involved in database design; created database objects like stored procedures, packages, and functions.
- Added Hibernate entities, mappings, and transaction management; extensively used criteria query and named query.
- Worked in Agile and CI/CD environments; performed code reviews and build configurations using Gradle.
- Developed JMS components to trigger background tasks.
- Developed feature using Apache POI to create and upload XLS files with thousands of records.
- Used AJAX to refresh parts of pages; created Freemarker templates and macros.
- Wrote unit test cases using JUnit and Mockito.
- Extensively worked with Streams, Lambdas, and Functional Interfaces; extended Liferay OOTB APIs to add custom features.
- Performance tuning of application; investigated heap dumps; completed POCs for client requirements using Liferay features.

Project: Savtrix – document migration system

Brief description: Document and content migration system to migrate millions of documents and contents between systems (e.g. SharePoint to Salesforce).

- Created the base setup for RESTful service using Spring Boot; configured with PostgreSQL and Elasticsearch.
- Configured Spring Boot service with Swagger using a definition-first approach; implemented several REST API endpoints.
- Extensive use of Spring JPA to create repositories, entities, and custom database operations.
- React development to create an admin dashboard, implementing components using both classes and functions.
- Used Fetch and promises to call Spring Boot service.
- Created Kafka agents to read content from the Liferay repository and to write messages to the target Liferay repository.
- Built RESTful web services using JAX-RS API; built a client to consume Liferay SOAP services.
- Designed database schema for many tables; managed Maven modules, dependencies, and plugins.
- Wrote unit and integration test cases using JUnit and Mockito.

Project: DIY.com – online store of B&Q

Brief description: DIY.com is the online store of DIY and home improvement retail company B&Q.

- Met with stakeholders to improve site search; worked in Agile and CI/CD environments.
- Implemented auto-suggestion feature; tuned performance of the Endeca service.
- Completed Oracle Endeca migration POC from version 3 to version 11.
- Added Python scripts to automate Endeca-service related processes.
- Added cartridges and components to implement facet search; integrated Bazaarvoice service for product ratings.
- Worked on real-time data indexing across multiple data sources; pair programming.

Technical Stack: Java EE, Spring, Spring Boot, Liferay, Kafka, RESTful API, Swagger, Oracle DB, PostgreSQL, Hibernate, EJB, JavaScript, jQuery, React, Maven, Gradle, POI, Liquibase, Apache Tomcat, JBoss, JMS, JUnit, Mockito.

Sr. Associate L1 — Facet Commerce Pvt Ltd

April 2016 – May 2017

Project: Siemens – B2B platform

Brief description: Migration of Siemens' legacy B2B platform to a new platform with the latest technologies, implemented with headless architecture and microservices. Multilingual project handling hundreds of thousands of products and document manuals.

- Won Performer of the Month award.
- Involved in requirement gathering, design, and user story creation.
- Implemented mega navigation, facet search, and free-text search of the website.
- Mentored two junior developers.
- Created microservice to handle search-related features of the site.
- Integrated web service with web application built using Handlebars templates.
- Performed code reviews; wrote unit tests using the Spock framework.
- Extensive use of Java 8 features (Streams, Lambdas, Functional Interfaces).

Project: Price comparison engine

Brief description: Price comparison engine for India stores, handling hundreds of stores and thousands of products with offers, deals, and coupons.

- Built microservices using Spring Boot for real-time product pricing, offers, product search, and user information.
- Implemented search features using Solr; used Thymeleaf for the catalog UI with Spring.
- Used MongoDB to store, analyse, and aggregate the catalog from hundreds of stores; used Apache Spark stream with MongoDB.
- Created a web service client using HttpComponents to fetch data from stores.
- Wrote unit and integration tests using JUnit and Mockito; produced technical and design documents.
- Used Hibernate to create entities, mappings, and repositories.

Technical Stack: Java EE, NodeJS, Oracle Endeca, ATG, Spring, Spring Boot, Hibernate, RESTful API, Solr, MongoDB, Shell script, Thymeleaf, Microservices, Spock, JavaScript, React, HttpComponent, JUnit, Mockito, Apache Tomcat, JBoss.

Sr. Software Engineer — TAIS Tech Ltd

May 2014 – March 2016

Brief description: Multiple projects across well-known online stores: Toys R Us (UK and Poland), Natural Partners, and SARAX 11.1.

- Added Spring beans and controllers to implement new features and pages; extensively used JSP with JSTL.
- Bug fixing using JavaScript, CSS, HTML; managed associations (one-to-many, many-to-many, many-to-one).
- Wrote SQL, HQL, named queries, and Criteria queries; integrated Oracle ATG and Endeca.
- Created Oracle Endeca cartridges and custom cartridge handlers; implemented property accessors and droplets.
- Implemented facet search, free-text search, and auto-suggestion features.
- Mentored junior developers; created and maintained design and technical documentation.
- Created shell scripts to automate processes; used Experience Manager to configure pages, thesaurus, synonyms, and rules.
- Performance improvement, production deployment, and support activities.

Technical Stack: Core Java, Java EE, JSP, Oracle Endeca, ATG, Shell script, Endeca Experience Manager, Jackson, Apache Commons, JUnit, Mockito, JBoss, WebLogic, Apache Ant, Maven, JavaScript, CSS, jQuery.

Endeca Developer — Amplifi Commerce

September 2013 – April 2014

Project: Yankee Candle

Brief description: Yankee Candle is a scented candle producer and retailer in the USA. Migration of their legacy online store to a new online store.

- Developed pages using JSP and JSTL; wrote unit tests with JUnit and Mockito.
- Added Java components for business logic; wired components using DI on Oracle ATG.
- Added AJAX calls and JavaScript handlers for user actions on-page.

Technical Stack: Core Java, Java EE, JSP, Oracle Endeca, ATG, Shell script, Endeca Experience Manager, JUnit, Mockito, JBoss, Apache Ant, JavaScript.

Software Engineer — Cybage Software Pvt Ltd

November 2011 – September 2013

Project: US Auto Parts

Brief description: US Auto Parts is a leading online auto parts provider. Web service application to feed product data to the US Auto Parts system.

- Worked on chain-of-responsibility design pattern; involved in product release and support.
- Bug fixing and maintenance; added new features to the Spring web service.
- Integrated Oracle Endeca and Spring; used Apache Ant to package the web service.
- Used shell scripts and PHP scripts to copy and manipulate data and files.
- Designed and created JSON responses according to front-end pages.
- Used OOP and core Java concepts (concurrency, inheritance, exception handling, collections).

Technical Stack: Core Java, Java EE, JSP, Spring, Web services, Oracle Endeca, Shell script, PHP scripting, JUnit, Mockito, Apache Ant, Apache Tomcat.

EDUCATION

Degree (Year)	Institute	University / Board	Division
PG-DAC – Diploma in Advanced Computing (2011)	Sunbeam Institute of Information Technology, Pune	C-DAC ACTS	A

Degree (Year)	Institute	University / Board	Division
B.E. (Computer Engineering) (2010)	Rajendra Mane College of Engineering & Technology, Devrukh (Ratnagiri)	University of Mumbai	I