

# VINOD JAGWANI

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## SR. JAVA/BACKEND DEVELOPER

Having 12+ years of experience building scalable solutions using **Java/JEE/Kotlin/Scala** and **Spring/Boot** along with analysis, design and debugging skills, also committed to deliver high quality code using various clean code principles such as **SOLID**, **DRY**, **KISS** and **YAGNI** also expertise includes **Microservice Architecture**, **TDD**, **CQRS**, and event based applications along with knowledge of **NoSQL** databases.

## TECHNICAL SKILLS

- **Languages/APIs & Frameworks:** Java 8/11/17, Kotlin, Scala, Go, JEE, Spring, SpringBoot/Microservice, SpringCloud, SpringWebFlux, SAP Hybris, GraphQL, Eureka, Netflix, Zuul/API Gateway, Swagger, OpenAPI, SpringSleuth/Zipkin/Jaeger/Hystrix/OpenFeign/ConfigServer/Vault, Quarkus, Micronut, Websocket, SpringMvc, SpringAOP, SpringSecurity, SpringOauth2.0/JWT, SpringIntegration, Resilience4j, RabbitMQ, AMQP, Apache Kafka, Elasticsearch, Vagrant, RedisDB, SpringData,Hibernate/JPA, QueryDSL, JPA Specification, MyBatis, REST/SOAP, JSON, Protobuf, gRPC, JAX-WS, JAX-RS, Vert.x, Apache2, Apache CXF, BIRT, AJAX, JQuery, AngularJS, ExtJS, iTextPDF, Keycloak, JExcel, XML/XSLT, Mule ESB, Apache Camel, ActiveMQ, RabbitMQ, JMS.
- **Database:** Apache Hadoop, MongoDB, Cassandra, RedisDB, MySQL, Oracle 11g.
- **Test & Build Tools:** Git, Gradle, Maven, Ant, Junit, Jenkins, Mockito, PowerMock, SonarQube, Selenium.
- **Web Server:** Apache Tomcat, Undertow, JBoss, IBM Websphere 7.0, HAProxy.
- **Other APIs:** Apache Solr, Apache Lucene, LiquiBase, Flyway, JMeter, Barcode4j, Apache Commons, Vavr.
- **Cloud & Container:** Kubernetes, AWS, Docker, Docker compose.
- **Monitoring Tool:** NewRelic, Prometheus, Grafana

## PROFESSIONAL EXPERIENCE

- **Sr. Java/API Lead Developer**, at **CGI**, Montreal, Canada, [June 2022 - August 2024]
  - Design and develop highly available and scalable services.
  - Development of search engine features such as Autocomplete, Keyword search, Spellchecker and Fuzzy search along with A/B testing feature for yellowpages - <https://www.yellowpages.ca>
  - Resolving production issues and supporting ETL processes and ensuring all applications are running in production.
  - Propose innovative solutions and give estimation to stakeholders for the implementation of solutions.
  - Participated in a user refinement session, retrospective and conducted technical debt sessions.
  - Provide technical leadership to teammates, identify skill gaps for engineers, and apply development best practices.

**Technologies:** Java 8/11/17, Apache Solr, Apache Lucene, MongoDB, Elasticsearch, Spring, SpringBoot/Microservices, Spring Batch, Reactive (Webflux) APIs, JSP, Hibernate, MySQL, Apache Kafka, Grafana, Git, Maven, Docker, AWS.

■ **Backend Developer at IBM**, Bangkok, Thailand, [March 2020 - October 2021]

- Writing backend microservice code, debugging and fixing existing code base.
- Improve and maintain code quality and conduct code peer reviews.
- Participating in daily stand up meetings led by our team lead.
- Research new technologies.
- Working closely with the DevOps and QA teams to ensure the application is working.

**Technologies:** Java 11/17, Spring, SpringBoot/Microservices, Reactive (Webflux), Hibernate, MySQL, MongoDB, Redis, Apache Kafka, RabbitMQ, SQL Server, Git, Maven, Docker, AWS.

■ **Software Engineer at Zalando**, Berlin, Germany [Nov 2019 - Feb 2020]

- Writing backend code in Scala and fixing existing bugs in the application.
- Attend daily stand up and weekly brainstorming meetings.
- Working closely with the front end team to assist the consuming of backend apis.

**Technologies:** Scala, Play, Slick, MySQL, MongoDB, RedisDB, Apache Kafka, Git.

■ **Sr. Programmer at True Money**, Bangkok, Thailand [July 2018 - October 2019]

- Writing backend microservice code, debugging and implementing new features for wallet and merchant platform applications.
- Enhancing existing codebase to make sure the quality of code.
- Write and maintain automated tests using CICD pipelines as part of our development process.
- Attending daily stand up and retrospective planning meetings.
- Develop diagrams, flowcharts and writing API documentations.
- Suggesting new technologies and providing guidance on how to create apis using best practices.
- Conduct code review.

**Technologies:** Java 11, Spring, SpringBoot/Microservices, Hibernate, MySQL, MongoDB, Redis, Apache Kafka, RabbitMQ, Git, Maven, Docker, AWS, Angular, JQuery, JavaScript.

■ **Sr. Software Engineer at Allianz Technology**, Bangkok, Thailand [August 2017 - June 2018]

- Design and development of new features in Road Side Assistance application.
- Investigate, Analyze the existing application and migrate into new microservice architecture.
- Provide advice, guidance and expertise in developing proposals for software design.
- Identifying technology limitations and suggesting alternative tools based on industry best practices.
- Interacting with the team lead for necessary design details.
- Taking part in user story estimation.
- Attend daily standup meetings.

**Technologies:** Java 11, Spring, SpringBoot/Microservices, Hibernate, MySQL, RedisDB, RabbitMQ, Git, Maven, Docker, Cloud Foundry.

■ **Software Engineer at Osudio B.V**, Amsterdam, Netherlands [April 2016 - January 2017]

- Participate in daily stand up meetings.
- Working closely with team leaders for the development of new features of online stores.
- Design, writing code, unit tests and debug of SAP Hybris based applications.
- Develop diagrams, flowcharts and writing APIs documentations.
- R&D of SAP Hybris platform by following Hybris wiki and other technical resources.

**Technologies:** Java 8, Spring, SpringBoot, Hibernate, SAP Hybris, Tomcat, RedisDB, Git, Maven, Docker, AWS, JQuery, JavaScript.

- **Software Engineer at Wirecard Technologies**, Munich, Germany [May 2015 - October 2015]
  - Collaborating with other team members for working on payment gateway.
  - Getting familiar with key modules of wire card's payment processing platform.
  - Implementing user stories.
  - Taking part in user stories effort estimation.
  - Analyzing and fixing bugs.
  - **Technologies:** Java 5, Spring, SpringBoot, Hibernate, Oracle DB, Tomcat, Git, Maven.
- **Software Engineer at Royal Cyber Inc**, Karachi, Pakistan [April 2011 - August 2012]
  - Managing and leading Java/JEE and IBM HATs and IBM Websphere portal based projects.
  - Interacting with project manager, System architect and DB architect to develop and implement detailed technical design.
  - Write, edits and debugging of codebase.
  - Test code to ensure that logic and syntax are correct.
  - Review and repair legacy code.
  - R&D in the area of Open Source frameworks and enterprise modernization.
  - **Technologies:** Java 5, Spring, Hibernate, JSP, JSF, Servlet, IBM Hats, IBM Websphere/Portal, IBM DB2, SVN, JQuery, JavaScript.
- **Consultant at Sapphire Consulting Service**, Karachi, Pakistan [January 2009 - March 2011]
  - Develop backend applications and research in new technologies.
  - Fixing bugs and debugging applications to resolve the issues in the development and testing phase.
  - Writing and maintaining application documentation and assisting users regarding the procedures.
  - Setup environment for running code base and perform necessary automated tests.
  - Enhancing applications by determining opportunities for improvement, giving suggestions for designing and implementing systems.
  - Provide ongoing maintenance, support and ensure software quality with an updated feature set.
  - **Technologies:** Java 5, C#, Spring, Hibernate, Struts2, JSP, Servlet, Tomcat, MySQL, Tomcat, JBoss, SVN, JQuery, JavaScript.

## ACADEMIC PROJECTS

- **Face Reorganization using Microsoft Kinect v2** - University of Heilbronn
- **Measure of 3 influence on Twitter using Twitter API** - University of Heilbronn
- **Final year Thesis Project - Dialog Data GmbH, Munich, Germany**, September 2014 - February 2015
- **Final year Thesis Project - University of Sindh**, September 2008 - May 2009

## EDUCATION

**MSc. in Software Engineering & Management** / University of Heilbronn, Heilbronn, Germany, **CGPA 1.8/1.0**  
2013 - 2015

**BS in Computer Science** / University of Sindh, Jamshoro, Pakistan, **CGPA 3.37/4.0**  
2005 - 2009

## CERTIFICATION

**VMWare Pivotal** / Core Spring V4.0, 80%, October 2016

**SAP Hybris** / Hybris Core Developer 5.2, 86% , February 2015

**SCJP** / Sun Certified Java 2 Professional, 78%, March 2010