

Vijaykumar Pardeshi

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Address: Piscataway, New Jersey, USA

Summary:

A driven Software Professional with 12+ years of experience in the IT industry comprising Design, Implementation, Microservices architecture and Application Development for highly scalable banking applications.

- Extensively worked on **Java, Spring boot, JPA, K8S, Docker, OpenShift, AWS** for developing robust and highly distributed and scalable applications in **Banking Finance and Payment's** domain.
- Hands on experience in developing highly distributes systems using **REST Web Services, Spring, Spring Boot, Hibernate, MySQL, Oracle, AWS, Docker, OpenShift, Jenkins, SSO, SAML2.0, Spring-Batch, Kafka, Trino, Apache-Ignite, Apache Camel**
- Played a key role in implementing and modernizing an organization's applications to cloud native and micro-service-oriented architectures and event driven systems using **CQRS**.
- Good domain knowledge and experience of working in Banking, Finance, Payments and E-Commerce Industry.
- Experience on systems domain modules like **Basic-Auth, Security, OTP, KYC, Self-Service-Auth, Credit-card Payments, Chargeback, User Multi-Factor-Authentication, Wallet, Payments, DaaS (Data-as-a-service)**.
- Pioneered the platform of **Identity & Verification (IDV)** of customers by building reactive Microservices (response time 2~3 seconds from 30 seconds).
- Implemented the **CI/CD pipelines** using **Docker, Jenkins, GO-CD** pipelines.
- Having strong ability to learn new technologies in a short span and implement software applications using the same
- Mentored and lead the team to migrate the applications/platform to cloud native platforms.
- Recognized and rewarded for various process and technology improvements and productivity ideas as well as business and product ideas in payments domain.

Domain Experience:

- Banking, Payments, E-Commerce.

Education:

- Bachelors of Computer Engineering, University of Pune, 2010

Certifications:

- AWS Certified Solutions Architect – Associate**
- Oracle Certified Java Developer**

Technical Skills:

Programming Languages	Java11/17
Frameworks	Spring, Spring Boot, Hibernate, Spring Data, Spring Batch, Actuator, Spring Security, AWS-SDK, Spring Cloud Gateway, Spring Cloud Streams, Spring-WebFlux, CQRS, Spring-Cloud-Config, Spring-AWS, AWS Kinesis, Spring-GraphQL
Cloud Technologies	AWS, OpenShift, K8s, Docker, DynamoDB, SNS, SQS, S3, Lambda, ECS, EKS, VPC, EC2, IAM
CI/CD tools	Jenkins, AWS-SAM, AWS CloudFormation Terraform, AWS Code Pipeline, GitHub
Scripting	Shell Scripting
Monitoring	Prometheus, Grafana, CloudWatch, App-Dynamics, ELK, Splunk
Database	Oracle, MySQL, MongoDB, PostgreSQL, RDS, DynamoDB

Professional Experience:

Fiserv Inc (Full-Time)

March 2024 – Present

Software Development Advisor I

Location: New Jersey, USA

Responsibilities:

- Working as a results-driven **Software Development Architect** with a proven track record in designing and developing internet-scale Payment and Banking Solutions.
- Building framework components to support on boarding of Banks and Fintech to leverage Fiserv products like **BillPay** and **Zelle Services**.
- Specialized in cloud technologies, with hands-on experience in deploying and managing payment systems on leading cloud platforms such as **AWS and Google Cloud**.
- Migrating the whole platform infrastructure for all services using **Java 11, Spring boot, Docker, Kubernetes, Jenkins, OpenShift to public cloud platform AWS**

Tech-stack: Java, Unix, Spring, Web-Services, Multi-Threading, Camel, Hibernate, Event-driven architecture, Spring-boot, Apache-Ignite, Open-shift, TDD, Kafka, Docker, Design Patterns, AWS, Microservices, Oracle, JavaScript, ReactJs, Jenkins.

Huntington National Bank (Contract)

Sep 2023 – Feb 2024

Senior Software Developer

Location: Columbus, Ohio, USA

Responsibilities:

- Worked as a results-driven **Senior Java and Cloud Engineer** with a proven track record in designing and developing internet-scale Payment Solutions.
- Adept at architecting robust, scalable systems and leveraging Java expertise to create high-performance backend components for **M2M and P2P Payments**.
- Specialized in cloud technologies, with hands-on experience in deploying and managing payment systems on leading cloud platforms such as **AWS and Google Cloud**.
- Migrating the whole platform infrastructure for all services using **Java 11, Spring boot, Docker, Kubernetes, Jenkins, OpenShift to public cloud platform AWS**
- Building transaction fraud detection services in order to prevent financial losses to customer.

Tech-stack: Java, Unix, Spring, Web-Services, Multi-Threading, Camel, Hibernate, Event-driven architecture, Spring-boot, Apache-Ignite, Open-shift, TDD, Kafka, Docker, Design Patterns, AWS, Microservices, Oracle, JavaScript, Jenkins.

Credit-Suisse Bank

Aug 2021 – July-2023

Tech Lead - AVP

Responsibilities:

- Involved in the development of working POC models for the new features/improvements in the platform.
- Mentored the team for latest technologies and best practices for developing and implementing the features in CRX platform.
- Helped team to stabilize the platform by upgrading to the latest **React 17** and **JDK 17** version.
- Built various common components and library using **Java, Spring-Boot, Spring WebFlux, Apache Camel, React, Java-script** for building reports.
- Helped team to provide reporting and alerting features across the platform using **App-Dynamics, Spring-sleuth, Splunk, Kibana, Logstash**.
- Developed and built infrastructure for all services using **Docker, Kubernetes, Jenkins, OpenShift**
- Working closely with business stakeholders and product owners to understand the requirements and implement those requirements as software product or features.
- Worked on a third-party system (Palantir) integration using **SSO** using **Oauth** token.
- Integrated data platform with event driven data in-gestor services using **Kafka**.

- Working on modernizing the platform using AWS public cloud technology **ECS, SNS, S3, DynamoDB**.
- Built a distributed cache system using **Apache-Ignite** to improve the application performance to sub milliseconds.
- Involved in architecting and implementing a **DaaS** (Data as a service) platform which was built using **GraphQL, Apache-Trino**.

Tech-stack: Java, Unix, Spring, GraphQL, Web-Services, Multi-Threading, Camel, Hibernate, Event-driven architecture, Spring-boot, GraphQL, Trino, Apache-Ignite, Open-shift, TDD, Kafka, Docker, Design Patterns, AWS, Microservices, Oracle, TypeScript, ReactJs, JavaScript, Jenkins.

Location: Pune, India

Barclays Bank

June 2016– July 2021

Tech Lead - AVP

Location: Pune, India

Responsibilities:

- As part of day-to-day activity, analyzed requirements, designed an algorithm, and code reviews for application in credit-card domain.
- Worked on designing the cards dispute-case management platform using **Java11, Spring-Boot, Docker, AWS and Kubernetes**.
- Mentored the team members to develop their skills and conducted knowledge sharing session withing teams.
- Worked closely with the delivery manager to develop and release new products and features in the Card-Payments, **Case-Management** and **Fraud-Detection** area of the credit card division of the bank.
- Contributed to design and implement the products and solutions with high quality adhering to best programming practices like TDD, Domain Driven Design. Programmed and developed various services and software components using **Java 11** programming language and **Spring-Boot, Spring-Security, Spring-Data** and various opensource tech-stacks.
- Implemented systems for Credit Card customer login Security, **OTP, KYC, Self-Service-Auth, Credit-card Payments, Chargeback, User Multi-Factor-Authentication, Wallet, Payments**.
- Pioneered the platform of **Identity & Verification (IDV)** of customers by building reactive Microservices (response time 2~3 seconds from 30 seconds).
- Designed and developed end to end solutions for various payment methods for Barclay-Cobranded cards division which included integration and implementation of Payments involving below solution payment options.
 - Credit Card Payments
 - Debit/Pinless Debit Payments
 - PayPal Payments - ACH payments
- Collaborate with geographically distributed teams, business analyst and solution architects to initiate and conclude technical design discussion and implement new software technologies and methodologies.
- Review and maintain quality matrix, code quality, technical direction documentation.
- Contributed to estimation of sprint planning and estimation, software feature implementation, requirement analysis and deployment orchestration.
- Modernized the existing legacy platform.
- Migrated all services to micro-service layered architecture and deployed services to private cloud platform like OpenShift.
- Contributed towards the design and maintaining a highly scalable and distributed cards platform.
- Customized the Opensource libraries of spring-boot-admin to build a customized product for Barclays to monitor and operate various spring batch applications across the case-management department.

Environment: Java, Unix, Spring, Web-Services, Multi-Threading, Camel, Hibernate, Event-driven architecture, Spring-boot, Open-shift, TDD, Docker, Design Patterns, AWS, Microservices, Oracle.

PubMatic Private**Dec 2014 – June 2016****Senior Software Engineer****Location:** Pune, India**Responsibilities:**

- As a senior member in team, resolve technical and functional queries and issues of the team, resolve impediments, mentor new members and manage teams.
- Collaborate with onshore teams, business analyst and solution architects, initiate and conclude technical design.
- Contribute to estimation of sprint planning, story writing, requirement analysis and deployment orchestration.
- Improved the performance of the API's by refactoring the code.
- Migrated the legacy spring applications to modern **Spring boot** applications.
- Integrated the service to log aggregation platform using **KIBANA, Logstash**.
- Migrated the applications to **Java 11**.
- Developed an integration testing framework using **SPOCK** and **Cucumber**.
- Implemented and developed new products to predict monetizing behavior of the customer.

Tech-stack: Java, Unix, Spring, Web-Services, Multi-Threading, Hibernate, SpringBoot, TDD, Design Patterns, Microservices, MySql.

Location: Pune, India**Amdocs****June 2012 – Dec 2014****Senior Software Engineer****Location:** Pune, India**Responsibilities:**

- Analyzing the project requirements and understanding the design of the system. Interact and Co-ordinate with Onsite-Offshore team during different phases of project.
- Worked as Java Developer implement the new **Product development** using **Java, Spring, RestAPI**.
- Experience in Coordination with multiple teams to understand end to end flow of project.
- Worked on Enterprise payment platform, based on the idea of Payments-as-a-Service cloud platform.
- Designed, developed and managed deliverables for Wallet management, mobile payments and digital commerce management platforms for leading telecom service providers.
- Designed and developed end to end solutions for various payment methods and solution as below:
 - Credit Card Payments
 - Debit/Pinless Debit Payments
 - PayPal Payments - ACH payments
 - EMV & magnetic strip auths
 - PoS payments and P2PE
 - Apple Pay & Tokenization
- Implemented high performing payment gateways for service providers integrating with leading industry acquirers like **JP Morgan Chase, Chase Paymentech, PayPal, Firstdata, FIS, CyberSource**.

Tech-stack: Java, Unix, Spring, Web-Services, Multi-Threading, Hibernate, Spring-boot, TDD, Design Patterns, Microservices, MySql, Cobertura, Spring-Batch, Oracle, Informatica.

Location: Pune, India**Awards and Recognition:**

- Tech-innovation award for designing DaaS Platform (2022)
- Barclays values "Service" award for implementing the digital disputes feature (2020).
- Barclays values "Excellence" award for initiative regarding efficient deployment verification during deployments (2017). Spot award for solely leading and successfully delivering project (2014)
- Re-Use Innovation award at HSBC, for building an automation tool for monitoring servers health status (2012).