NABARAJ KANDEL

SENIOR JAVA DEVELOPER

nabarajkandel73@gmail.com

https://www.nabukan.com

510-600-3498

PROFESSIONAL SUMMARY:

Senior Java Software Engineer with 7 years of experience in designing, developing, and deploying enterprise-level applications. Proficient in Java, Spring Boot, and microservices architecture, with expertise in cloud computing, containerization, and event-driven systems. Strong background in Agile methodologies, CI/CD pipelines, and DevOps practices. Adept at mentoring junior developers and collaborating with cross-functional teams to deliver scalable and high-performance solutions.

TECHNICAL SKILLS:

Programming Languages:	Java, JavaScript, Groovy, Grails, Apigee
Frameworks & Technologies:	Spring Boot, Hibernate, Spring Cloud, RESTful APIs, GraphQL, React.js
Databases:	PostgreSQL, MongoDB, MySQL, SQL Server
Cloud Platforms:	AWS (EC2, S3, Lambda, RDS, CloudFormation, IAM)
Messaging & Streaming:	Kafka, RabbitMQ
CI/CD & DevOps:	Jenkins, GitHub Actions, Docker, Kubernetes, Autosys
Monitoring & Logging:	Splunk, ELK Stack, Prometheus, Grafana
Testing & Quality Assurance:	JUnit, Mockito, Selenium, SonarQube, Postman
Agile Methodologies:	Scrum, Kanban
Version Control & Collaboration:	Git, GitHub, Bitbucket, Jira, Confluence

EDUCATION:

B.S. in Computer Science, University of Louisiana Monroe **2014**

PROFESSIONAL EXPERIENCE:

Wells Fargo, Iselin, NJ

Senior Software Developer **July 2025-Current**

- Created an API Proxy Migration for Backend service, including OAuth 2.0 scope validation, OpenApi 3.0 Specification design, and end-to-end testing using Postman, Splunk and Apigee Trace across System Integration Testing (SIT) and User Acceptance Testing (UAT) environments.
- Authored compressive Functional Specification Document (FSD) detailing impacted components, functional design, Oauth policies, backend routing, and Kafka event publishing.
- Supported enterprise-wide Platform-as-a-Service (PaaS) migration from Pivotal Cloud Foundry (PCF) to OpenShift Container Platform (OCP), ensuring complete decommissioning of legacy PCF services and seamless redeployment of Apigee components.
- Collaborated on Autosys job migration and optimization, streamlining batch workflows, trigger sequences, and dependencies to align with the new OCP infrastructure.
- Managed Apigee Developer Portal Enhancements, API product subscriptions, and consumer onboarding under the Innovation environment, improving visibility, governance, and API lifecycle management.
- Validated Next Generation Data Center (NGDC) vanity URL migration by coordinating routing updates, downstream impact analysis, and successful SIT re-verification
- Conducted demo sessions demonstrating OAuth scope-based authorization, positive and negative testing and Kafka integrations using live Postman and Apigee Trace walkthroughs.
- Work on agile environment in bi-weekly Sprint format and also used Copilot AI tools for different purpose.

Environment: Java, Spring Boot, Hibernate, Postman, Agile/Scrum, IntelliJ IDEA, Git, Jenkins, SQL Server, Apigee, Gradle, Autosys, Wells Fargo Internal tools, Co-pilot, Harness, Splunk.

VISA, Foster City, CA **Feb 2022- Jan 2025**
Senior Software Engineer

Responsibilities:

- Participate in daily standups and weekly team meetings to discuss project progress and resolve roadblocks.
- Design, develop, and test software applications using **Java, Spring Boot, and Microservices architecture**.
- Develop backend services using **IntelliJ IDEA**, ensuring scalability and performance.
- Integrate APIs and microservices using **Spring Cloud, RESTful services, and GraphQL**.
- Deploy the code to servers and perform testing through the **K9 environment**.
- Monitor logs using **Splunk and ELK Stack** to ensure system stability and troubleshoot issues.
- Design and developed microservices using Java and Spring Boot, integrating with AWS services like S3, CloudWatch, and API Gateway.
- Conduct performance testing of microservices and J2EE applications using JMeter to optimize WebLogic deployments.
- Develop microservices using Spring Boot, consumed by a frontend developed entirely in React.
- Create **GraphQL**-based access control mechanisms in Java applications, ensuring secure data exposure.
- Implement RESTful APIs using Spring Boot, connecting to Cockroach DB for distributed transactions.
- Implement RESTful web services for inter-service communication across microservices running on OpenShift.
- Implement Python scripts for data transformation, ETL workflows, and real-time data ingestion.
- Enhanced system performance by leveraging the latest features of Java 17, including new APIs and memory management improvements.
- Automate Tomcat server deployments using Jenkins pipelines and shell scripts.
- Developed and maintained RESTful web services using Java, Spring Boot, and JPA for efficient data persistence and CRUD operations.
- Utilized PostgreSQL, MySQL, and Oracle as backend databases with JPA for ORM.
- Used TestContainers for integration testing Java apps with live PostgreSQL and MySQL DBs, following TDD workflows.
- Automate Full Stack deployments using Jenkins, Docker, and Kubernetes, reducing deployment time.
- Implement Cloudscape Design System to enhance UI/UX consistency across applications.
- Utilize AWS CDK to automate infrastructure provisioning, improving deployment efficiency.
- Build and deploy AI-driven solutions leveraging AWS Bedrock and AmazonQ for NLP-based applications.
- Integrate Full Stack solutions with RESTful APIs and GraphQL to support efficient data retrieval.
- Developed and maintained Full Stack logging and monitoring solutions using ELK stack and **Prometheus**.
- Work with **Kubernetes and Docker** to manage and deploy microservices in containerized environments.
- Utilize **Kafka and RabbitMQ** for event-driven messaging and asynchronous communication between services.
- Implement CI/CD pipelines using **Jenkins and GitHub Actions** to automate deployment and testing.
- Manage database operations using **PostgreSQL and MongoDB**, writing optimized queries and stored procedures.
- Ensure code quality through rigorous code reviews using **SonarQube and CodeLint**.
- Develop and maintain frontend components using **React.js** for better user interaction.
- Manage cloud-based deployments and resources using **AWS services like EC2, S3, Lambda, and RDS**.
- Implement security best practices on AWS to ensure data protection and compliance.
- Optimize application performance and scalability through AWS cloud services and automation.

Environment: Java, Spring Boot, Microservices, IntelliJ IDEA, Kubernetes, Docker, Jenkins, Tomcat, GitHub Actions, PostgreSQL, MongoDB, Kafka, RabbitMQ, Splunk, ELK Stack, SonarQube, RESTful APIs, GraphQL, Agile/Scrum, React.js, AWS (EC2, S3, Lambda, RDS).

Ondas Networks, Sunnyvale, CA **Feb 2021 - Feb 2022**

Java Engineer

Responsibilities:

- Analyzed software requirements and designed, developed, and implemented software solutions.
- Developed backend applications using **Java, Spring Boot, and Hibernate** for high-performance computing.
- Wrote clean, maintainable, and efficient code adhering to coding standards and guidelines.
- Participated in code reviews to ensure quality and adherence to best practices.
- Designed and developed J2EE-based microservices for high-availability enterprise applications deployed on OpenShift.
- Developed and maintained backend services using Golang, ensuring high performance and scalability.
- Built Full Stack test automation frameworks using Selenium, Jest, and JUnit to ensure code quality.
- Configured and monitored logs using AWS CloudWatch and CloudTrail, enhancing application observability.
- Designed secure access control mechanisms using AWS IAM and implemented least privilege policies.
- Developed RESTful APIs and integrated with AWS API Gateway for seamless communication between microservices.
- Developed reactive REST APIs using Spring WebFlux, improving application responsiveness and scalability under high concurrent load.
- Configured and optimized **WebLogic** application server for improved performance and reliability.
- Developed and maintained cloud-native microservices architecture using Spring Boot and containerized deployments on **OpenShift**.
- Implemented authentication and authorization using OAuth2 and SAML across J2EE applications deployed on WebLogic.
- Migrated legacy web applications from JBoss/WebLogic to Tomcat to reduce operational costs.
- Monitored Tomcat instances using JConsole, VisualVM, and custom health endpoints.
- Developed multi-threaded applications using Golang's goroutines and channels for concurrent processing.
- Integrated Golang-based microservices with existing Java applications, improving system interoperability.
- Developed API monitoring and logging mechanisms for GraphQL queries and mutations using Java and Prometheus.
- Debugged and resolved software defects using **Postman and JUnit testing**.
- Integrated third-party services and APIs using **RESTful and SOAP web services**.
- Worked closely with cross-functional teams to integrate software with hardware and firmware systems.
- Developed test plans and performed unit and integration testing using **JUnit, Mockito, and Selenium**.
- Wrote end-to-end integration tests for HTTPS-enabled Spring Boot APIs using RestAssured and TDD principles, covering all secure and non-secure paths.
- Managed AWS infrastructure for scalable backend operations using **AWS Lambda and S3**.

Environment: Java, Spring Boot, Hibernate, Golang, RESTful APIs, SOAP, JUnit, Mockito, Selenium, Postman, Agile/Scrum, IntelliJ IDEA, Git, Jenkins, SQL Server, React.js, AWS (Lambda, S3).

Hartford Financial, Boston, MA **Mar 2019 - Dec 2020**

Java Developer

Responsibilities:

- Assisted senior engineers in analyzing software requirements and designing robust solutions.
- Developed backend logic using **Java and Spring Boot**, following established coding standards.
- Wrote clean, maintainable, and efficient code for application development and enhancements.
- Debugged and resolved simple software bugs and defects using **Eclipse IDE and Postman**.
- Participated in peer code reviews to ensure software quality and adherence to best practices.
- Developed and executed basic software test plans using **JUnit and Mockito**.
- Integrated React front-end with Java microservices, ensuring seamless client-server communication.
- Migrated legacy blocking Spring MVC modules to Spring WebFlux, resulting in reduced thread usage and faster response times.
- Stayed up-to-date with new software development technologies and applied them as needed.
- Used CI/CD pipelines (Jenkins, GitLab CI) to automate deployment of Java and React applications.

- Used PostgreSQL and MongoDB with Spring Data JPA for backend, consumed via Axios calls in React.
- Applied **TDD** principles to create reusable components for data validation and parsing over **HTTP/S REST APIs**, ensuring predictable behavior and fewer production issues.
- Integrated SonarQube for code quality analysis in both Java and React codebases.
- Developed batch and streaming data processing pipelines with Apache Spark and Cassandra integration.
- Engaged in Agile ceremonies, including sprint planning, daily standups, and retrospectives.
- Implemented microservices architecture using Spring Boot and Cassandra as the primary database.
- Integrated Apache Kafka for real-time data streaming and processing in a Cassandra-backed environment.
- Assisted in frontend development with **React.js** for UI enhancements.
- Leveraged AWS services like **EC2 and RDS** for backend hosting and database management.

Environment: Java, Spring Boot, Hibernate, RESTful APIs, JUnit, Mockito, Eclipse IDE, Git, Postman, SQL Server, Agile/Scrum, React.js, AWS (EC2, RDS).

APA Corporation, Houston, TX **Mar 2017 – Feb 2019**
Software Engineer

Responsibilities:

- Utilized **Spring MVC 3.0** to decouple object class dependencies, ensuring a streamlined **MVC** configuration.
- Implemented **AJAX** to enhance interactivity on web pages, allowing seamless switching between independent tabs.
- Developed code extensively using **Eclipse**.
- Created *.hbm.xml files for mapping **POJOs** to the relational database.
- Designed and implemented a data model using **Hibernate** 3.0 as the persistence layer, with **Oracle** as the backend database.
- Optimized Full Stack database interactions using Hibernate and JPA, improving query performance.
- Integrated **LDAP** for Authentication and Authorization.
- Optimized database interactions for J2EE applications running on WebLogic, ensuring high transaction throughput.
- Transferred data between the presentation tier and web tier using Value Object (VO).
- Developed frontend modules and integrated various Web services within the business layer using protocols like **SOAP, UDDI, and WSDL** for processes such as financial resolution, net worth calculation, credit card applications, and tax calculations.
- Used JAXR API to retrieve WSDL files from the Universal Description Discovery and Integration (**UDDI**) registry.
- Developed web services with **REST**.
- Handled the build and deployment of **EAR, WAR, and JAR** files across test, stage, and production environments in **WebLogic** 10.3.6.
- Followed **Agile** methodologies for development.
- Utilized **LOG4J** and JUnit for debugging, testing, and ensuring system stability.

Environment: Java/j2ee 1.8, JDBC 2.0, JSP 2.3, Servlets, Tiles, REST, AJAX, Hibernate, HTML5, CSS3, JavaScript, MongoDB, Express.JS, AngularJS, Angular 2, Node.js, jQuery, Ionic 2, Apache Cordova, RWD, WebStorm (IDE), Adobe Photoshop, MS Office, HP Quality Center.