**Nitin M Banswani**

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**Summary**

* Experienced Java full stack developer with 7+ years of experience working for clients across different domains.
* Skilled in building and maintaining server-side applications using Java technologies, Angular with expertise in cloud computing on Azure Devops, AWS and CI/CD practices, Jmeter and containerization with Docker and Kubernetes.
* Expertise on Cross Platform Web/Client-Server applications design and development, QA and testing using Java,

SpringBoot, REST API, Selenium, and testing tools like Mockito, GATLING and SOAPUI

* Proficient in designing and developing scalable and high-performance backend systems, integrating various services and APIs, and ensuring application reliability and security.
* Experienced in deploying applications on cloud platforms such as AWS, Azure, or Google Cloud, with expertise in containerization and micro services architecture.
* Proficient in Java, Selenium, and REST API automation, with hands-on experience of at least 2 years in each technology.
* Strong expertise in Core Java, Selenium, and REST/API Service Testing, ensuring comprehensive and efficient testing of software applications.
* Extensive experience in API automation, streamlining the testing process and improving overall software quality.
* In-depth knowledge of natural language processing (NLP) and natural language understanding (NLU) concepts, bolstering the ability to create advanced and intuitive conversational experiences.
* Proficient in designing and implementing continuous integration and deployment pipelines, automated testing, and code reviews to ensure high-quality and error-free code.
* Developed and implemented custom Kubernetes resources to extend the Kubernetes API and provide specialized functionality for managing specific application components.
* Proficient in designing and implementing continuous integration and deployment pipelines, automated testing, and code reviews to ensure high-quality and error-free code.
* Familiar with various tools and frameworks used in the software development process, including Git, Jenkins, Maven, and Gradle.

**Work Experience**

**Software Engineer – Revision Technologies,** Remote June’23-Present

* Developed and maintained comprehensive Java-based full stack solutions for a retail client, spanning the entire e-commerce lifecycle, from product catalog management to secure payment gateways.
* Designed and implemented responsive and user-friendly web applications that enhanced the customer shopping experience, ensuring compatibility across various devices and browsers.
* Integrated and optimized payment processing systems, improving transaction security and enabling seamless online payments, resulting in increased conversion rates.

**Software Consultant– Deloitte**, Austin, Texas April’21 – June’23

* Expertise on Cross Platform Web/Client-Server applications design and development, QA and testing using Java,

SpringBoot, REST API, Selenium, Angular and testing tools like Mockito, GATLING and SOAPUI

* Contributed to the Kroger retail project by decommissioning existing ordering systems and building new backend services for backroom data interfaces, streamlining operations and enhancing customer experience.
* Developed a Spring Cloud API gateway for external service calls, acting as a pass-through for all HTTP requests, improving the efficiency of the system.
* Build REST API’s using spring boot and testing using Mockito for the Instock applications used by store associates and by pharmacy network
* Extensive experience in API automation, streamlining the testing process and improving overall software quality.
* Demonstrated proficiency in QA Automation, employing best practices to enhance software testing efficiency and accuracy.
* Led the cloud-based migration of applications from on-prem to Azure devops, utilizing various compute and load balancer services, resulting in increased scalability and reduced costs.
* Implemented and maintained machine learning models for predictive analytics, including regression, classification, and clustering models, resulting in a 20% improvement in customer churn prediction accuracy.
* Applied NLP techniques to analyze unstructured text data, enabling sentiment analysis, text classification, and chatbot development, leading to a 30% reduction in customer support response times.
* Built REST APIs using Spring Boot and tested with Jmeter, Mockito for the Instock applications used by store associates and the pharmacy network, resulting in improved functionality and user experience.
* Worked extensively with AWS services/components such as S3, IAM, EC2, AMI, ECS, Docker EKS, Fargate, API Gateway, Elastic Search, CloudWatch, Lambda, SNS, SQS, and ALB, delivering scalable and reliable solutions.
* Developed and implemented custom Kubernetes resources to extend the Kubernetes API and provide specialized functionality for managing specific application components.
* Utilized Azure Cloud platform to integrate existing applications and databases to respective environments and deployed apps using Azure Spring Cloud, enabling seamless integration with Azure services.
* Worked on external service integrations using REST API integrated with Swagger, reading data from Azure-provisioned SQL databases, ensuring data accuracy and consistency.
* In-depth knowledge of natural language processing (NLP) and natural language understanding (NLU) concepts, bolstering the ability to create advanced and intuitive conversational experiences.
* Proficient in designing and implementing continuous integration and deployment pipelines, automated testing, and code reviews to ensure high-quality and error-free code.
* Designed and defined the specifications for custom resources, including the API schema, validation rules, and metadata, to meet the unique requirements of the application.
* Implemented message streaming systems using Kafka to receive data from legacy teams and store it into respective next-gen tables, ensuring the reliability and scalability of the system.
* Built REST APIs using Spring Boot and tested with Jmeter, Mockito for the Instock applications used by store associates and the pharmacy network, resulting in improved functionality and user experience.
* Proficient in designing and developing scalable systems using Java, Spring Boot, Cosmos DB, and Cassandra DB in an Azure environment.

**Software Engineer – Walmart**, Bentonville, Arkansas (Remote) September’19 – February’21

* Developed and maintained an application for item validation in Walmart's inventory system using Java, Springboot, Selenium, JUnit. Integrated with multiple APIs and services, implemented complex business rules, and ensured data accuracy and consistency.
* Worked on single item creation application for the legacy system using J2EE, EJB's and Core Java. Integrated with existing systems, and ensured application reliability and security.
* Utilized Looper and Concord that is Walmart's CI/CD systems to implement continuous integration and deployment pipelines for various applications, enabling faster delivery of features and bug fixes.
* Worked with legacy and next-gen technologies, including migrating legacy applications to next-gen platforms and designing and developing new applications using Spring Boot
* Expertise on Cross Platform Web/Client-Server applications design and development, QA and testing using Java,

SpringBoot, REST API, Selenium, and testing tools like Mockito, GATLING and SOAPUI

* Implemented testing suites using JUnit and Selenium to ensure the quality and reliability of our applications.
* Collaborated with cross-functional teams, including product owners, business analysts, and quality assurance teams, to ensure the successful delivery of projects.
* Developed and implemented custom Kubernetes resources to extend the Kubernetes API and provide specialized functionality for managing specific application components.
* Demonstrated proficiency with Microsoft Dynamics CRM, with over 2 years of hands-on experience, encompassing customization, configuration, and integration to align CRM functionalities with business needs.

**Full Stack Java Developer- StalwartMC,** Houston, TexasSeptember’18– January’19

* Enhance and maintain existing software products utilizing skills in Core Java and Spring Boot framework.
* Construct database objects with proficiency in Hibernate and develop REST controllers to implement Core Java concepts and Micro services.
* Maintain web development projects with expertise in HTML5/CSS/JS technologies.
* Manage codebase and objects with skills in Drools and iLog.
* Gained a strong understanding of healthcare and banking domain, enabling me to develop solutions that meet specific client requirements and needs.

**Full Stack** **Developer Intern, Infodat International Inc.,** Houston, Texas May ’17 – August ‘17

* Developed and was part of secured Java application that uses beacons to store user information
* Designed webpages which directly displayed the user details and activities tracked by beacons
* Worked on test scripts for the for the code written using Selenium in java
* Developed an application involving notification to customers about emails they receive on Gmail
* Twilio app was used to send and receive messages on cellular network

**Senior Software Engineer, Capgemini India Pvt. Ltd,** Mumbai, India June ’14 - July ‘16

* Completed training of J2EE, Core Java, Spring Framework, SQL
* Platform, Spring Boot Framework, REST API, Hibernate and Micro services
Production support tasks involved generating plsql scripts and excel reports with detailed credit report data
* Was in charge of structuring and creating Manage Purchase Order Web Service and introduction layer with Spring MVC.
* Responsible for Requirement gathering, coding, testing and documentation.
* Architected and sent Java based web item coordinating system that matches items over numerous retailers.
* Responsible for creating and keeping up all the element and session beans.

**Skills**

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| **Languages**  | Java 8, J2EE, AngularJS, NodeJS, Python3.8  |
| **Frameworks**  | Spring 4.x, Spring Batch, Camel EIP, Hibernate, Quartz Scheduler, Apigee, Swagger, Activiti-BPM  |
| **Message stream** | Kafka  |
| **Web Servers**  | Apache Tomcat 9.x, JBoss, Spring Boot  |
| **Code Coverage** | Sonar Cube, Fortify Scan  |
| **Web Services**  | Restful /SOAP services  |
| **Database**  | Oracle 10g, SQL Server 2012, Postgres, HSQLDB, Elastic Search, Mongo DB  |
| **Version Control**  | Bitbucket, GitHub.  |
| **Build Framework**  | Maven, Jenkins, GoCD, Groovy  |
| **Platforms**  | Windows 7, Windows 10, Unix, AWS Cloud  |
| **Security** | OAuth2.0  |
| **AWS** | S3, API Gateway, Lambda, IAM, EC2,ECS, AMI,ALB, Docker EKS, Fargate, ,Elastic Search, Cloud watch, , SNS, SQS  |
| **Testing** | TDD(Junit), JMeter (Performance Testing), Postman, Google API  |

**Academic Projects**

 **Email Notification System,** *Java|SQL|Twilio*

* Developed an application involving notification to customers about emails they receive on Gmail
* Twilio app was used to send and receive messages on cellular network

**To-do Application,** *Angular|SQL |SpringMVC|*

* Built a to-do application with the features of modifying data (Edit and Delete) using REST
* Implemented pagination on the data with data filtration conditions

**Scrabble,** *Java |SQL |HTML*

* Designed the Scrabble game using Java backend JSP’s and servlet’s
* Database maintenance was done using Oracle which included alphabet, player score, system tables
* Software used for development was Eclipse

**Education**

Master of Science, Computer Science, GPA – 3.5, Texas A&M University August’16 – May’18

Bachelor of Engineering in Computer Science, University of Mumbai, India June’ 10 - May’14