

Dhruv Patel

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[GitHub](#) | Portfolio: <https://dhruv-portfolio-qq2z.vercel.app/> | [LinkedIn](#)

Professional Summary

- With around 3 years of experience working with **Java/J2EE** applications in the areas of Analysis, Design, Development, Coding, Implementation and Testing of web applications.
 - Proficient in analyzing JMeter test results, identifying performance bottlenecks, and generating detailed performance reports using JMeter's built-in listeners.
 - Goal driven, self-organized developer with comprehensive understanding of various SDLC methodologies such as **Waterfall** and **Agile**.
 - Well versed in designing Use cases, Class diagrams, Sequence and Collaboration diagrams for multi-tiered, object-oriented system architectures utilizing **Unified Modeling Tools (UML)**.
 - Experience with Object Oriented Concepts, Object Oriented programming with java, Object Oriented Design and Implementation.
 - Used Core **java8** and **java11**.
 - Skilled in developing and managing **Microservices** using **Spring Cloud** and **Spring boot**
 - Experience developing **Single Page Applications (SPA)** with **Angular 8**, **React JS**, **Node JS**, Backbone JS, **ExpressJS** by using reusable components.
 - Hands on experience with **HTML**, **CSS**, and **Javascript**
 - Experience in working with API's like **REST** and **SOAP**.
 - Worked on **Hibernate** for connecting to databases and improved the query performance by hibernate cache.
 - Skilled in Application development and Cross-Platform (Web & Client-Server) application design using various frameworks such as **Spring Boot**, **Spring MVC**, **Spring Cloud**, and **Spring Security**.
 - Experienced with various modules in Spring framework like **Spring IOC** (Dependency Injection), **Spring DAO(JDBC, ORM)**, **Spring Boot**, **Spring AOP** and **Spring Batch**.
 - Expertise in **mockito**, **RDBMS** like **Oracle** and **SQL** Server including SQL, Stored Procedures and PL/SQL and **PostgreSQL**.
 - Proficient in developing web-based User Interface (UI) to provide best User Experience (UX) with the help of **Angular 6**, **HTML5**, **CSS3**, **JavaScript**, **jQuery** and making web page Cross browser compatible.
 - Experience in **Apache Kafka**, **ActiveMQ** and **RabbitMQ** for interservice communication across multiple services.
 - Expertise in **CI/CD** tools like **Docker**, **Jenkins**, and **Kubernetes** for container creation and managing.
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Technical Skills

- **Programming Languages:** Java/J2EE, SQL, PL/SQL, C, C++, Python
 - **Java Frameworks:** J2EE, Spring MVC, Spring Boot, Hibernate, Spring AOP, Spring DAO, SpringCore, Spring Security, Spring REST, Log4j, Apache Kafka, JUnit, Mockito, Microservices, MEAN and MERN.
 - **Scripting Languages:** Python, JavaScript, TypeScript, jQuery, troubleshooting
 - **Web Technologies:** HTML5, CSS3, Bootstrap, JSP, NodeJS, Express, ReactJS, Angular JS
 - **Web/Application Servers:** Apache Tomcat, WebSphere, WebLogic, Jetty and Undertow.
 - **IDE's:** Visual Studio Code, Eclipse, NetBeans, IntelliJ, STS
 - **Databases:** Oracle, MySQL, Solid coder, MongoDB, DynamoDB, PostgreSQL
 - **Version Control:** GitHub, Bitbucket
 - **Cloud Computing:** Amazon EC2, Amazon S3, Amazon RDS, AWS Lambda, Amazon SQS, AWS Identity and access management, AWS CloudWatch, Heroku
 - **Build Tools:** Maven, Gradle
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PROFESSIONAL EXPERIENCE

1. FULL STACK JAVA DEVELOPER

Dentons, Toronto, ON | Nov 2024 – Present

- Followed Agile (Scrum) development methodology and participated in daily Stand-up meetings to update the task status on the assigned tasks such as technical documentation, development of different modules.
- Worked closely with business users to understand business requirements to design technical solutions that align with business and comply with Organization's architectural standards.
- Migrated IDEs and codebase from Java 1.8 to Java11, utilizing new Java features for file handling and streamlining I/O operations.
- Designed and implemented Microservices using Spring Boot; deployed and orchestrated services using Kubernetes with Helm charts and YAML configurations.
- Created multiple external microservices and configured inter-service communication using Feign, REST templates, Kafka, and RabbitMQ (pub-sub architecture).
- Developed and enhanced responsive user interfaces using Angular 6 with advanced features like ng-templates, new if/else syntax, form validators, and used NPM to manage dependencies.
- Built real-time WebSocket communication within Java-based applications for responsive user experiences.
- Created RESTful web services using JAX-RS; documented them using Swagger.
- Integrated AWS services including Lambda, S3, DynamoDB, and SQS for event-driven processing and microservice interactions; used AWS SDK for Java.
- Used Amazon CloudWatch for logging and monitoring application behavior; debugged with slf4j and log4j.
- Conducted thorough testing using Protractor, Jasmine, Karma for frontend, and JUnit, Mockito for backend; tested API performance using SoapUI, Postman, and JMeter.
- Used Docker to containerize services and deployed on Red Hat OpenShift using Kubernetes, achieving continuous delivery and service discovery.
- Implemented authentication and authorization using Spring Security with OAuth 2.0 and JWT.
- Utilized ELK stack (Elasticsearch, Logstash, Kibana) for centralized log aggregation and performance monitoring.
- Used JIRA for task tracking, issue resolution, and sprint management in Agile team environment.

Environment: Java11/8, Agile, HTML5, CSS3, JavaScript, TypeScript, React.JS, Angular 6, jQuery, Protractor, Jasmine, Karma, Spring Boot 2, Spring Cloud, Eureka Server, Hystrix, Spring Security, OAuth 2.0, Kafka, RabbitMQ, AWS, DynamoDB, SQS, Lambda, OpenShift, Docker, Jenkins, Kubernetes, ELK Stack, slf4j, log4j, JUnit, Mockito, SoapUI, Postman, JMeter, JIRA, GIT

2. JAVA DEVELOPER

Infosys, Chennai, IN | Jan 2021 – Mar 2023

- Participated in Agile development sprints, daily standups, and retrospectives to maintain consistent collaboration and delivery velocity across cross-functional teams.
- Designed and developed dynamic and responsive web pages using HTML5, CSS3, JavaScript, Angular 4.0, and Node.js, ensuring high usability and accessibility across platforms.
- Leveraged advanced Java 1.8 features such as Lambda Expressions, Stream API, and Functional Interfaces to implement backend logic and enhance performance in data-intensive applications.
- Engineered business logic workflows and data processing routes using Apache Camel, integrated seamlessly with Spring Boot-based microservices.
- Developed robust backend functionality using Spring Boot, Spring IOC, Spring AOP, transactions, and Spring Security, enabling secure and scalable microservice-based architecture.
- Managed dependency injection through Spring IOC bean configuration, and implemented both authentication and authorization layers using Spring Security with role-based access.

- Configured and maintained Spring MVC to efficiently manage request handling between front-end clients and backend services; implemented RESTful APIs using JAX-RS and documented endpoints with Swagger.
- Built and managed microservices with service discovery and registration using Netflix Eureka Server, contributing to a scalable and modular system.
- Developed secure and high-performance microservices in Scala, with occasional integrations using C# and Python for specialized service compatibility.
- Utilized Hibernate ORM for advanced object-relational mapping, query optimization with HQL, and implementation of entity relationships and caching mechanisms.
- Performed NoSQL operations in MongoDB, including replica set configurations, sharding, and advanced collection design for optimized document storage.
- Implemented multithreaded task execution using Java's ExecutorService and ThreadPoolExecutor to maximize parallel processing and resource efficiency.
- Developed and maintained distributed messaging queues using Apache Kafka and Zookeeper, and established real-time data pipelines using Spark Streaming for near-instant processing.
- Configured AWS infrastructure components such as EC2, S3, Route53, CloudFormation, IAM, and Auto Scaling for secure, scalable cloud deployment.
- Managed software patching, upgrades, and Linux/Windows virtual machine configurations using VMware for hosting and deployment of internal applications.
- Installed and configured web servers including Apache and IIS; applied AWS VPC-level security via IAM roles, security groups, and subnet segmentation.
- Containerized microservices using Docker CLI and Compose, facilitating consistent deployments and isolated runtime environments across development and production.
- Managed detailed backend logging using Log4j; collaborated via Git for version control and branch management; and maintained sprint activities and issue tracking in JIRA.

Environment: Agile, Java 1.8, J2EE, HTML5, CSS3, Angular 4.0, Node.js, Spring Boot 1.5, Spring Security 3.1, RESTful, Hibernate 4.3.5, MongoDB 3.0, Docker, AWS, Apache Kafka, Ansible, IIS, Linux, Apache, Log4j 2, Git, Jenkins, Scala, Spark, C#, Python, XML, JSF, JavaBeans, Oracle

EDUCATION

Georgian College, Toronto, CA
May 2023 – Jan 2025

Major: Advanced Diploma in Computer Programming
GPA: 3.7/4.0

Gujarat Technological University (GTU)
, Ahmedabad, IN
April 2019 – July 2022

Major: Diploma in Information Technology
GPA: 3.6/4.0
