**Divya**

**Java Full Stack Developer**

**Summary:**

* **8+ years of experience** in designing and developing Java-based full-stack applications using Angular, React, Spring Boot, and Microservices.
* Expertise in **building scalable web applications** using **Angular (8, 6, 5, 4, AngularJS), TypeScript, JavaScript, React, Bootstrap, HTML5, and CSS3**.
* Strong **backend development skills** with **Java 8, Spring Boot, Spring MVC, Hibernate, JPA, and RESTful APIs** for enterprise applications.
* Hands-on experience in **microservices architecture**, API development, and **event-driven systems using Kafka and RabbitMQ**.
* **Cloud computing expertise** in **AWS (EC2, S3, Lambda, API Gateway) and Azure Cloud**, managing cloud-native deployments.
* Proficient in **containerization using Docker and orchestration with Kubernetes** for deploying microservices.
* Experience in **database design and optimization**, working with **PostgreSQL, MongoDB, and Oracle databases**.
* Strong knowledge of **authentication and security mechanisms** using **OAuth2, Spring Security, and API Gateway**.
* Experience in **CI/CD automation** using **Jenkins, Azure DevOps, and GitHub Actions** to streamline deployment workflows.
* Expertise in **unit and integration testing** with **JUnit 5, Mockito, Jasmine, Karma, Selenium, and Cucumber** for TDD/BDD methodologies.
* Skilled in **log monitoring and observability** using **Splunk, New Relic, Nitro, ELK Stack, and AWS CloudWatch**.
* Experience in **legacy system modernization**, migrating JSP-based applications to **Spring Boot and microservices architecture**.
* Strong Agile (Scrum, SAFe) practitioner, participating in **sprint planning, daily stand-ups, backlog grooming, and retrospectives**.
* Proficient in **version control and collaboration tools** like **Git, GitHub, SVN, RTC, JIRA, and Confluence**.
* Proven ability to work in **fast-paced environments**, delivering high-quality, scalable, and secure solutions for **financial, telecom, and e-commerce industries**.
* In-depth experience with **API management and integration** using **APIGEE**, ensuring secure and scalable API communication.
* Expertise in **database query optimization**, creating complex SQL queries and stored procedures for efficient data processing.
* Strong experience in implementing **asynchronous communication** using **Kafka Streams**, ensuring efficient real-time data processing.
* Skilled in implementing **event-driven architecture** for real-time transaction tracking and system updates.
* Expertise in **deployment automation** and managing cloud infrastructure using **AWS CloudFormation**, **Chef**, and **Docker containers**.
* Extensive experience in **frontend-backend integration**, with a focus on **RESTful APIs**, JSON handling, and client-side dynamic content updates.
* Strong problem-solving skills, utilizing **core Java collections, multi-threading**, and **lambda expressions** for performance improvements.
* Experience in **data migration** and **legacy system integration** with modern cloud-native technologies.
* Proficient in **UI/UX design principles**, developing **responsive user interfaces** to ensure optimal user experience across devices.
* Excellent communication skills, able to collaborate effectively with cross-functional teams to ensure successful project delivery on time and within scope.

**Technical Skills:**

|  |  |
| --- | --- |
| Languages | Java 1.8/1.7/1.6/1.5, J2EE, SQL, PL/SQL, UML |
| Technologies | JSP, Servlets, JavaBeans, JDBC, Struts, Hibernate, Spring, Web Services, SOA, JMS, SAX and DOM Parsers, AJAX, JAXB, JAXP1, LDAP, Splunk |
| Web Technologies | HTML/DHTML, XHTML, JavaScript, JSF, XML, XSL, XSLT, CSS, Angular 2/4/5, AngularJS, ExtJS, Groovy, Grails. |
| Development Tools (IDEs) | Eclipse, My Eclipse, Net Beans, MS Visual Studio, Brackets, Atom, VS Code, Nitro SIEM. |
| Web/Application Servers | Tomcat, JBoss, Weblogic, IBM WebSphere. |
| Design Patterns | MVC, Front Controller, Session Façade, Singleton, Business Delegate, DAO, DTO patterns |
| RDBMS | Oracle10g/11g, MS SQL Server, PostgreSQL, DB2. |
| Platforms | Windows, UNIX, LINUX |
| Testing Tools | Junit, Selenium, Cucumber |
| Version Control | CVS, GIT, SVN. |
| Methodologies | Agile Methodology, RUP, Extreme Programming. |

**Project Experience:**

**Client: Edward Jones, St Lousi, MO June 2023 - Present**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Developed and enhanced the Edward Jones financial advisory platform using **Angular 8**, **TypeScript**, and **Angular Material**.
* Created reusable components, directives, and services to streamline **UI development** and maintain consistency.
* Implemented reactive and template-driven forms in Angular for data entry and financial calculations.
* Utilized **Angular CLI** to generate components, routes, and unit tests, improving development efficiency.
* Integrated **RESTful APIs** with Angular using **HttpClient** for seamless backend communication.
* Developed microservices-based backend using **Spring Boot** and **Spring Cloud** to support financial operations.
* Designed and implemented **RESTful APIs** for transaction processing and investment portfolio management.
* Utilized **Java 8** features such as streams, lambda expressions, and multi-threading for performance optimization.
* Integrated **OAuth2** authentication and Spring Security for secure user access and **API** **protection**.
* Migrated legacy **JSP** **Java applications** to **Spring Boot 2**, improving maintainability and scalability.
* Implemented messaging queues using **RabbitMQ** to handle asynchronous financial transactions.
* Optimized event-driven architecture for real-time data processing and transaction tracking.
* Designed and optimized database interactions using **PostgreSQL** for structured financial data storage.
* Worked with **MongoDB** for handling unstructured investment-related data and customer insights.
* Deployed and maintained applications on **Azure Cloud**, utilizing cloud-native services for scalability and reliability.
* Containerized **microservices** using **Docker** and orchestrated deployments with **Kubernetes** for high availability.
* Configured **CI/CD pipelines** using **Azure DevOps** to automate build, test, and deployment processes for financial applications.
* Managed **GitHub** repositories, implementing branching strategies and code reviews to ensure code quality.
* Developed unit and integration tests using **JUnit 5**, **Mockito**, **Jasmine**, and **Karma** to ensure system reliability.
* Implemented logging and monitoring using **Splunk**, enabling proactive issue detection and real-time analytics.
* Followed **Agile** (**SAFe**) methodologies, participating in sprint planning, backlog grooming, and retrospectives.
* Practiced **Test-Driven Development** (**TDD**) to ensure high-quality and maintainable code.
* Used Git and GitHub for version control, implementing best branching strategies for efficient collaboration.
* Managed pull requests, code reviews, and merge strategies, ensuring high code quality.
* Developed and executed unit tests using **JUNIT**, **Jasmine**, and **Karma**, ensuring high test coverage.
* Implemented centralized logging and monitoring using **New Relic**, **Splunk**, and **Nitro**, improving system observability.
* Followed **Agile** methodologies, participating in sprint planning, daily standups, and retrospectives to ensure timely delivery.
* Practiced **Test-Driven Development (TDD**) by writing unit and integration tests before implementing business logic.

**Environment:** Angular 8, Spring Boot, Java 8, Docker, Kubernetes, Azure Cloud, PostgreSQL, MongoDB, OAuth2/Spring Security, JSP, RabbitMQ, PostgreSQL, MongoDB, Azure Cloud, Docker, Kubernetes, Azure DevOps, GitHub, JUnit 5, Mockito, Jasmine, Karma, Splunk, New Relic, Nitro, SAFe Agile, Test-Driven Development (TDD).

**Client: Spectrum, St Louis, MO Apr 2021 – May 2023**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Designed and developed a **Single Page Application (SPA)** from scratch using **Angular 5** and later integrated **Angular 6** features such as Routing, Observables, Subscribers, and Class-Level Directives.
* Led the migration of a Java-based application to **Angular 5**, enhancing front-end performance and maintainability.
* Developed user interfaces using **Angular**, **TypeScript**, **HTML5**, **CSS3**, **Bootstrap**, **JavaScript**, and **jQuery**, ensuring a responsive **UI**.
* Implemented **Angular** **HTTP** **services** for making **REST** **API** calls and performing **CRUD** operations efficiently.
* Configured routing in the application using **Angular** **Router** **Module** for seamless navigation across components.
* Built **reusable** **Angular** **components** and services to streamline front-end development and improve maintainability.
* Worked with template-driven and reactive forms in Angular to build dynamic and responsive data entry screens.
* Created and consumed **RESTful** **APIs** using **Java Spring Boot Microservices**, replacing **SOAP-based web services** for improved scalability and performance.
* Developed and deployed **APIs** through the **APIGEE** **framework**, enabling secure **API** management and integration.
* Designed and implemented business logic in **Java** using **Collections**, **Exception** **Handling**, **Generics**, **Enumerations**, and **Java I/O APIs**.
* Implemented asynchronous communication between microservices using **Kafka**, enabling efficient message-driven architecture and decoupling of services.
* Utilized **Kafka** Streams for real-time data processing, ensuring seamless data flow and event-driven execution.
* Created and executed **complex database queries** and scripts, enabling seamless interaction with large datasets.
* Deployed microservices on **AWS**, leveraging **EC2**, **S3**, and **Lambda** for scalable and efficient cloud-based application hosting.
* Integrated **API** management using **AWS** **API** **Gateway**, ensuring secure, scalable, and monitored **API** access.
* Utilized **Jenkins** for **Continuous Integration and Deployment (CI/CD)**, automating build and deployment pipelines.
* Worked with **Git** for version control, creating and managing repositories while maintaining clean and efficient code.
* Written unit test cases for **TypeScript** files using **Jasmine** and **Karma**, ensuring robust front-end application testing.
* Used **Splunk** to create **dashboards**, **queries**, and alerts to monitor and track customer payment status and system performance.
* Utilized **IBM Rational Requirements Composer (RRC)** to document business requirements and **Rational Team Concert (RTC)** for sprint planning and task management.
* Actively participated in daily stand-up meetings, tracking tasks and blockers on the Scrum Board to ensure smooth **Agile** development.
* Developed and managed test data repositories in **GitHub** for comprehensive testing and debugging.
* Used Advanced **REST Client** and **Postman** for **API** **testing** and **debugging** to validate **JSON** responses.
* Contributed to production releases in dark and live environments, ensuring seamless deployment with minimal downtime.

**Environment:** Angular 5, Angular 6, TypeScript, HTML5, CSS3, Bootstrap, JavaScript, jQuery, Angular Router, Java Spring Boot, RESTful APIs, APIGEE, Kafka, Kafka Streams, AWS (EC2, S3, Lambda, API Gateway), Jenkins, Git, Jasmine, Karma, Splunk, IBM Rational Requirements Composer (RRC), Rational Team Concert (RTC), Advanced REST Client, Postman, Scrum.

**Client: Eastern Bank, Boston MA Dec 2019 – Mar 2021**

**Role: Java Developer**

**Responsibilities:**

* Designed and developed full-stack web applications using **Angular 4**, **TypeScript**, **HTML5**, **PrimeNG**, **CSS3**, **Bootstrap**, **JavaScript**, and **jQuery**.
* Configured **Angular Router Module** for component navigation and leveraged **Angular HTTP** **services** for **REST API** **integration**.
* Worked with template-driven forms in **Angular** **Forms** **Module** to create dynamic data entry screens.
* Developed unit and integration tests for **Angular components** using **Jasmine**, **Spy**, **Angular CLI**, and **Test Bed**, along with **QUnit** for **JavaScript testing**.
* Implemented **RESTful** services for Loyalty programs, including **Nitro** card (ACH Loyalty card) replacement and product additions using Spring Boot microservices.
* Built and maintained web services using **Spring Boot**, **Spring MVC**, **Hibernate**, **Grails**, and **Struts 2** while implementing authentication and authorization with Spring Security.
* Created data access logic using **Hibernate** with annotations for database mapping, implemented **DAO** and **DAO** **IMPL** **packages**, and utilized **Grails** domain objects.
* Developed and executed **JUnit test cases** for backend logic and implemented **BDD** **automation** **scripts** using **Cucumber** and **Selenium**.
* Engaged in complex programming and scripting for database interactions and large dataset processing.
* Built **DAO package** and **DAO IMPL package** to implement the data access logic using **Hibernate** **Annotation** for database mapping.
* Managed environments using **Linux** commands and automated build processes with **Maven** for project management.
* Utilized **Git** and **Subversion (SVN)** for version control, **JIRA** for **bug tracking**, and **Jenkins** for Continuous Integration and Deployment.
* Developed unit and integration tests for **Angular** **components** using **Jasmine**, **Spy**, **Angular** **CLI**, and **Test** **Bed**.
* Developed and executed **JUnit** test cases for backend logic and implemented **BDD** **automation** **scripts** using **Cucumber** and **Selenium**.
* Used **Advanced** **REST** **Client** and **Postman** for testing **JSON** **responses** from **RESTful** **APIs**.
* Engaged in requirements gathering, analysis, design, development, and testing using **Agile** **Scrum** **methodology**.
* Implemented **Test-Driven Development (TDD)** methodology for ensuring high-quality code in backend and frontend components.

**Environment:** Angular 4, TypeScript, HTML5, PrimeNG, CSS3, Bootstrap, JavaScript, jQuery, Angular Router, Angular HTTP Services, Jasmine, Spy, Angular CLI, Test Bed, QUnit, Spring Boot, Spring MVC, Hibernate, Grails, Struts 2, Spring Security, JUnit, Cucumber, Selenium, DAO, Hibernate Annotation, Linux, Maven, Git, Subversion (SVN), JIRA, Jenkins, Advanced REST Client, Postman, Agile Scrum, Test-Driven Development (TDD).

**Client: Wayfair, Boston, MA Feb 2018 – Nov 2019**

**Role: Java Develpoer**

**Responsibilities:**

* Designed and developed web applications using **React** for frontend and integrated it with backend technologies like **Spring** and **AJAX**.
* Built dynamic and responsive **UI pages** using **React**, implementing various components and managing state for interactive user experience.
* Wrote **JavaScript** and **React** **scripts** for client-side validations and implemented dynamic content updates.
* Utilized **JSP** for **front-end integration**, while using **Java Servlets** as front controllers and **JavaScript** for client-side validations.
* Developed **Spring-based backend logic**, including caching techniques, **POJO** classes for data storage, and **DAO’s** for data retrieval from the database.
* Developed **JUnit** test cases for backend service components, ensuring unit tests aligned with business logic and prepared documentation.
* Deployed applications on **Apache** **Tomcat** and utilized **JAX-WS** (**SOAP**) to produce and consume web services through the **CXF framework**.
* Integrated **Hibernate** **ORM** with **Spring** for database interaction, mapping domain objects to relational databases, and managing persistent data.
* Managed and upgraded **UNIX** **server** **services** such as **Bind DNS** for application deployments.
* Worked on **SQL** **queries** and stored procedures for data manipulation in the database, ensuring business requirements were met.
* Deployed and configured cloud services for application hosting, ensuring scalability and performance optimization.
* Integrated cloud-based storage solutions for managing data persistence and backups in the application architecture.
* Wrote build and deployment scripts using **ANT** and maintained them for continuous application deployment.
* Extensively used **Git** for source control and **Gradle** for build automation.
* Developed **JUnit** test cases for backend service components, ensuring unit tests aligned with business logic and prepared documentation.
* Implemented centralized logging solutions using log management tools (e.g., **ELK stack**) for efficient monitoring and troubleshooting.
* Configured **logging frameworks** (e.g., **Log4j, SLF4J**) for comprehensive application logging and error tracking.
* Involved in **SDLC** activities including requirements gathering, analysis, design, development, and testing using Agile-Scrum methodology.
* Implemented **Test-Driven Development (TDD)** for backend logic to ensure code quality and proper functionality.

**Environment**: React, JavaScript, Spring, AJAX, JSP, Java Servlets, POJO, DAO, JUnit, Apache Tomcat, JAX-WS, SOAP, CXF, Hibernate ORM, Spring Security, UNIX, Bind DNS, SQL, Stored Procedures, Cloud Services, ANT, Git, Gradle, ELK Stack, Log4j, SLF4J, Agile-Scrum, Test-Driven Development (TDD).

**Client: 3i Infotech ltd, IN Apr 2016 – Feb 2018**

**Role: Java Developer**

**Responsibilities:**

* Designed and developed **UI** for an internal application using **AngularJS**, **Bootstrap**, **HTML**, and **CSS** to enhance user performance.
* Created reusable **Angular** **components** in **TypeScript** for the **UI** and called **RESTful** web services through **AngularJS** services to handle **JSON** responses.
* Designed client-side module architecture based on the **Angular** **framework** and developed custom front-end validations in **TypeScript**.
* Utilized Core **Java** collections extensively to identify and manage **FIX** objects between classes using **Maps**, **Lists**, and **Linked** **Lists**.
* Developed operations and handlers to facilitate communication with an **Oracle** **database** hosted on **Linux/Unix servers**.
* Created multiple **Spring Restful web services**, including **APIs** to fetch calculated **DB** data for **UI usage**, and **utilized** **Groovy/Grails** with **Jersey JAX-R** for **REST** services.
* Implemented **J2EE** web-based systems using **Struts**, **Java** **APIs,** design patterns, and frameworks like Tiles, Business Delegate, and Database.
* Developed **Spring** **Batch** applications using **Spring** **Boot** for loyalty rewards and managed artifacts in **Nexus** and **Artifactory** repositories.
* Created **Lambda** functions in **AWS** for automating file transfers from **S3**, developed unit and integration tests, and built **CI/CD pipelines** using **Jenkins** and version control with **Git** and **SVN**.
* Designed and developed two **RESTful APIs** with **Spring JPA** for data persistence in **PostgreSQL databases**, integrated Spring security, and utilized **Grails** plugins.
* Worked on **AWS** infrastructure with tools like **Chef**, created **CloudFormation** templates for provisioning **AWS** resources like **RDS**, **EC2**, and **S3**, and deployed **REST** services in **Docker** containers within **AWS** **ECS**.
* Created **ATDD** suits for more effective testing for batch applications and web services.
* Hands-on experience with Build & Deployment phases and usage of **Continuous Integration (CI/CD)** tools like **Jenkins**.
* Developed Unit Tests using **JUnit** and Integration tests for **Spring Boot** batch applications.
* Created Automated tests framework in **Cucumber** for Restful Web services.
* Integrated logging using frameworks like Log4j and SLF4J for effective application monitoring and debugging.
* Used **AWS** **CloudWatch** for centralized logging, monitoring, and troubleshooting of application behavior across the **AWS** infrastructure.
* Worked in an **Agile** environment, developing applications using **Agile** **methodology** and following **ATDD** and **Scrum** practices.
* Documented user stories in **JIRA** and facilitated Story Point discussions to analyze project specifications and effort levels.
* Documented build and process details on Confluence and **GitHub** **Pages**, ensuring effective team collaboration.
* Engaged in daily **scrum** activities, interacting with the **Scrum** **Master**, architect, and team lead to track story progress in each sprint.

**Environment:** AngularJS, Bootstrap, HTML, CSS, TypeScript, RESTful Web Services, Core Java, Collections, FIX Protocol, Oracle Database, Linux, Unix, Spring Boot, AWS Lambda, AWS S3, AWS RDS, AWS EC2, AWS ECS, CloudFormation, Chef, PostgreSQL, Spring JPA, Docker, Jenkins, Git, JUnit, Log4j, SLF4J, AWS CloudWatch, Agile, Scrum, JIRA, Confluence, GitHub Pages.

**Education:**

**Master of Science in Business Analytics and Data Science Aug 2022 – May 2024**

*Oklahoma State University - Stillwater, OK*

**Bachelor of Engineering in Information Technology Aug 2014 - May 2017**

*Osmania University - Hyderabad, IN*