Oni Das
Java Full Stack Developer
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Location: Dallas, TX

Professional Summary:

- 5+ Years of experience in Java Application Development, Distributed Application development, Object Oriented Programming, and in developing, testing, and implementing application environments using **J2EE** technologies like **J2SE**, **JDBC**, **Servlets**, **JSP**, **AJAX**, **Java Beans**, **EJB**, **JMS** and **Web Services** (**SOAP**, **REST**).
- Expertise in implementing Web Services based on **Service Oriented Architecture (SOA) using SOAP**, **Restful Web Services**.
- Strong in **Java/J2EE** design patterns and other object-oriented concepts (**OOPS**) and worked on **Java6/8/11** versions.
- Developed **ANT Scripts** and used **MAVEN** tool to build and deploy **J2EE Applications**.
- Designed and developed multiple **J2EE Model 2 MVC** based Web Application using **J2EE** Technologies and popular open-source framework Struts Framework, **Spring MVC, Spring Framework, Spring Boot, Hibernate ORM Framework**.
- Creating Rich UI applications using **Angular 2/4/8/11** integrating with **REST API's** built on **Microservices**
- Experience in the developing professional web applications using **HTML5, CSS3, JavaScript, reacts, jQuery, Bootstrap, AJAX, JSON, XHTML, XML** and **Node.js**
- Experience on **Python** and **Python** Web Framework **Django**
- Experience in Server-side messaging using **camel** and **JMS** and development experience at server-side using technologies **EJB**, **Web Services, XML, Oracle** and **MySQL** Server.
- Hands on experience in developing Single Page Applications (**SPA**) using **AngularJS**
- Expert knowledge of JavaScript frameworks such as **AngularJS**, Media Query and libraries like **BackboneJS**.
- Experienced in developing persistence layer using **O/R Mapping** tool like **JPA, Hibernate, Spring-JPA** and **MyBatis**
- Working on creating a distributed network by hosting the application on **AWS cloud, Amazon (ECS, EC2, ECR, Lambda, VPC** and **S3**) servers.
- Installed, Configured and Managed Docker Containers, Docker Images for Web Servers and Applications servers such as **Apache Tomcat** using Docker and integrated with **Amazon MySQL RDS database**
- Experience in working with automation tools like selenium and continuous integration tool Jenkins.
- Experience in Configuration and deployment of multi-tier applications using servers like **WebSphere, WebLogic** and **Tomcat**.
- Handled all the port mapping/binding things that happen with **Dockers** and Containers.
- Solid Hands-on experience in end-to-end implementation of **CI** and **CD** (Continuous Delivery), **DevOps** processes using **AWS Code Commit AW**
- Experience in Enterprise Integration Development tools like **MuleESB, Spring Integration, JMS, Web Services, Apache Kafk**a and **Apache Camel**
- Experience in processing semi-structured and unstructured datasets.
- Actively participated in daily scrum meetings, sprint planning sessions, sprint reviews, and retrospectives.
- Experience with Test Driven Development (**TDD**), paired programming and refactoring code

- Strong independent learning ability, team player, easily adaptable to different development environments, collaborative, highly motivated and dedicated to delivering quality software

Technical Skills

Languages/Platforms	Java 6/8/11, JSP, J2EE, SQL, DHTML, JavaScript, Python
Frameworks/Libraries	Spring, Struts, Hibernate, Log4j, JBOSS, Spring Boot, Microservices
Web Technologies	JSP, Servlets, AngularJS, Angular2/4/8/11, jQuery, React.JS, Node.JS, EJB, RxJs, Hibernate, Struts, Spring, JDBC, HTML5, DHTML and XML, CSS3, Web Services
Databases	Oracle, MySQL, MS SQL Server, DB2, DynamoDB, Couchbase, Cassandra, MongoDB, PL/SQL
Dist. Object Mgmt.	EJB, SOAP, REST
Operating Systems	Windows, Linux
Application Servers	WebLogic, JBoss, Apache Tomcat, WebSphere.
IDE/Tools	IntelliJ IDEA 2018.2.3, Eclipse, RAD, NetBeans, Spring Tool Suit (STS).
Versioning Tools	Subversion (SVN), CVS, GIT, ClearCase.
Design Patterns	MVC, DAO, Session Façade, Business Delegate, Singleton.
Build and Test Tools	Ant, Maven, Gradle, Junit.
Cloud Services	Amazon (EC2, S3, RDS, Lambda, SQS, IAM, CloudWatch, EBS), Docker, Ansible, Kubernetes, and Azure
Testing	JUnit, Selenium

Professional Experience:

Client: FEPOC, Washington DC   **April 2021 – present**
Role: Full stack Java/J2EE Developer

Responsibilities:
- Followed **Agile** approaches to analyze and estimate tasks with development teams, create user stories and proper breakdown, design the solution, and perform peer review of code.
- Used **HTML5** with **Angular11** for the presentation layer along with **JavaScript** for client-side validation.

- Developing **Spring MVC Controllers** for handling web requests from the presentation layer using **URL Handler Mapping**.
- Analyzes design and determines coding, programming, and integration activities based on general objectives and overall architecture of product or solution using **Java11**
- Implemented nested views and routing using **Angular UI Router** as per the requirement. **GUI** was developed using **JSP**, **HTML**, and **AngularJS** and created reusable components in **Angular11** using Custom Directives Filters, Services, and Partials.
- Developed **REST web services** and **Java** to deliver contracts to the front end.
- Integrated Spring with **Hibernate** and delegated the persistence operations using **Hibernate Template**.
- Developed various Custom **DAOs** using **Spring's Hibernate**, **DAO** support to persist the records from suitable tables in the database.
- Configured the WebLogic handler for the **Apache Web Application** Server to serve static files (**HTML**, **images**, and **CSS**).
- Worked within the **SFDC** to ensure which case content fields can be modified.
- Experience in relational database design and writing **SQL queries**, **stored procedures**, **views**, and functions with **Oracle**.
- Used **Multithreading** and **collections** to improve the performance of applications.
- Developed classes using Core Java/Executor Service (**multithreading**, **concurrency**, **memory management**).
- Developed views using **Bootstrap** components, **Angular-UI** and involved in configuring routing for various modules using **angular UI** router.
- Used **J2EE** design patterns like **Adapter**, **Service Locator**, **Session Facade**, **Singleton**, **Factory** and **Observer design patterns**.
- Created Spring Boot with Microservices utilizing **NoSQL RESTful API**.
- Designed and developed **Spring Batch** Jobs using Spring Framework and used **Cron expression** to trigger the job.
- Developed automation scripting in **Python** to deploy and manage **Java SE11** applications across Linux servers
- Development of **microservices** with **Java11**, **Spring Boot**, and **deployment** in **Cloud Platforms** (**AWS**)
- Developed the Microservices as **Spring boot** application compatible with Pivotal Cloud Foundry
- Deployment of the application using **Maven** and writing unit test cases using **JUnit**, and **Mockito**.
- Utilized **Spring core**, **AOP** and **security** to build robust business operations with transactional support.
- **GIT** was used for code versioning systems and production code maintenance.
- Designed, built, and deployed a multitude of applications utilizing almost all of the **AWS** stack.
- Implemented **authentication** and **authorization** using **Spring security**.
- Implemented AWS solutions using **EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.**
- Developed **Web services** (**SOAP**) through **WSDL** in **Apache Axis** to interact with other components.
- Implemented, deployed and maintained **cloud infrastructure** using **AWS**.

Environment: Java 11, J2EE, Spring, Hibernate, Servlets, Spring Boot, SQL, NoSQL, Kafka, JMS, AngularJS, JPA, HTML, CSS, Eclipse, WebLogic, RESTful, JSON, Oracle, PL/SQL, Maven, Mockito, JUnit, SVN, Log4j, Windows.

Client: Wells Fargo - Charlotte, North Carolina   **Aug 2019– March 2021**
Role: Full stack Java/J2EE Developer
Responsibilities:

- Actively involved in all phases of the **Software Development Life Cycle (SDLC)**, including the **Analysis**, **Design**, **Development**, and **Testing** of system requirements.
- Developed code changes on the business project components to implement different business logic using **Core Java** features such as **collections**, **arrays**, **lists**, **hash maps**, **iterators**, **exception handling, multithreading etc**.
- Created Typescript reusable components and services to consume **REST API's** using Component-based architecture provided by **Angular 11**.
- Developed code changes to create and consume web services (**SOAP** and **REST**).
- Developed presentation layer using **HTML5, CSS3, JavaScript, jQuery,** and **Angular11**.
- Consumed SOAP-based web services first by creating and populating the relevant **SOAP Request** and **SOAP Response** objects (**mainly as hash maps**).
- Created batch processing classes to consume **web services** from those **Windows batch** files and scheduled those tasks using **Shell Scripts**.
- Implemented the presentation layer (**GUI**), based on open-source framework, involving Servlets, **JSP**, **JSTL**, **JSF**, **CSS3**, **HTML5**, **JavaScript** and **GWT**.
- Worked simultaneously in both production and development teams and took part in designing and developing dynamic web pages using **HTML5, CSS3, Bootstrap, SASS, JavaScript, Query, Angular 11** for single page applications
- Performing various types of **dependency injections** (injections of classes from **business layers**, **injection** of **arrays** and **collections**) using **applicationcontext.xml** using the **spring container**.
- Developed code changes to connect to the **database layers** using a **data source** and perform different types of database operations in **Oracle using JDBC API**.
- Implemented server-side validations and developed model classes.
- Designed and developed asynchronous **RESTful Microservices** using **Spring boot**, **Couchbase** and **RXJava**.
- New library development with a microservices architecture using **spring boot**.
- Used **Maven** tool to **build**, **config**, **package** and **deploy** an application project.
- Used **SVN** to maintain different versions of application code.
- Consumed **RESTFUL** web services using **Angular HTTP** Module and transformed the response using RXJS operators.
- Build and configure a virtual data center in the **Amazon Web Services (AWS)** cloud to support Enterprise Data, Virtual Private Cloud (**VPC**), Public and Private Subnets, Elastic Load Balancer.
- Debugged various situations when service **API** was not working in two different application layers.
- Implemented **Unit Tests** using **JUnit**, **Power Mock** and **Mockito**.
- Configured **Kafka** to read and write messages from external programs and also to handle real-time data.
- Worked on the **JSON** validation for the case submission on the client side to validate all the required fields in the **PostgreSQL** database
- Developed stored procedures and triggers using **PL/SQL** to calculate and update the tables to implement business logic using **Oracle** database.

Environment: Java 11, J2EE, JDBC, Web Services (REST/SOAP), Spring IOC, Eclipse, WebSphere, Apache Tomcat, DB2, Log4j, Maven, JUnit, Mockito, SVN, Windows.

Client: State Street Bank & Trust Co, Chicago, IL   **October 2017- July 2019**
Role: Java Developer

Responsibilities:

- Involved in various phases of project development following **Agile** Methodology.
- Participated in the complete software development lifecycle tasks (**design, coding, testing** and **documentation**).
- Used Spring Dependency Injection for plugging in the **Hibernate DAO** object for the business layer.
- Used Docker as a container for Creating, Deploying, and running applications.
- Deployed applications in **Kubernetes** Clusters, running on **Docker** Hub.
- Developed API-driven responsive web applications by integrating **Angular8** with Bootstrap and API.
- Extensively used **Git** for version control and regularly pushed the code to **GitHub.**
- Implemented REST **Microservices** using spring boot. Generated Metrics with method-level granularity and Persistence using Spring AOP and **Spring Actuator**.
- Developed views using **Bootstrap** components, **Angular-UI** and involved in configuring routing for various modules using **angular UI** router.
- Used **jQuery**, **Angular JS**, and **Node JS** to develop the rich user interface and to invoke **RESTful** Web Services to perform various operations.
- Used **Junit** and **Mockito** framework for unit testing of application and **Log4j 1.2** to capture the log that includes runtime exceptions.
- Extensively worked on **Spring JDBC**, **Spring Hibernate ORM** and JPA for data persistence.
- Used Postman and **Swagger** to test the RESTful API for **HTTP** requests such as GET, POST, and PUT.
- Used Bootstrap and Media queries to do responsive web design that fit all users and devices from desktop to tablet and mobile phone.
- Used a **Microservices** architecture, with Spring Boot-based services interacting through a combination of REST and **Spring Boot**.
- Design and develop **Microservices**, **J-Unit** test cases, mock creation and fix defects.
- Developed applications for Cloud platforms using technologies like **Java/J2EE, Spring Boot, Spring Cloud, and Microservices**. Experience in Microservices and Spring Boot application development.
- Implemented Swagger Configuration in Java **Spring boot** for auto-generating **Swagger JSON** files for REST API calls.
- Implemented continuous deployment system with **Jenkins**, **AWS**: Code Deploy, Ops Works, and Packer for deployment of **Java Applications**.
- Used Spring Core Annotations for Dependency Injection (**DI**).
- Used react-bootstrap for styling and responsive web design.
- Developed API to Integrate with **Amazon EC2** cloud-based architecture in **AWS**, including creating machine Images.
- Implemented **Kafka** producer and consumer applications.
- Used **Tomcat** server for the application development and deployment and JIRA for issue tracking.
- Used **Log4J API** for logging and Junit framework for Unit application testing.
- Used **Maven** and **Gradle** for dependency and configuration management to add dependent external jars and bundles and run and deploy the application.
- Used **JIRA** to handle software development issues.

Environment: Java 8, J2EE, Agile, DAO, Kubernetes, Git, GitHub, Microservices, Spring, Spring Actuator, Spring JDBC, ORM, Swagger, HTTP, Bootstrap, Microservices, Spring Boot, Spring Cloud, Swagger JSON, Dependency Injection (DI), Kafka, Tomcat, nginx, Log4J API