Name: Shweta Manohar Nagdeote

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Work Authorization: Canada PR

Professional Summary:

● 12 years of software development experience in design and development of Multi - Tier Enterprise application design using object-oriented programming with Java, J2EE technologies.

● Experience in all phases of Software Development Life Cycle (SDLC), which includes Integration,Implementation, Interaction, Business Analysis/Modelling, Documentation, and Testing of all software applications..

● Proficient in java concepts like Multi-Threading, Exception Handling, Generics

including Java8 concepts like lambda Expressions, Stream API, predicate, functional interface etc.,

● Strong programming skills in Java/J2EE, JDBC, Struts2, Servlets

● Vast experience and exposure on the API Management concepts which includes Solution Architecture, Design & Development, Governance, Security, Best practices, and standards with Analytics and Troubleshooting skills.

● Good knowledge and implementation skills in Spring framework modules such as Spring Boot, Spring MVC, Microservices, REST, Spring REST, Nexus, JFrog

● Deployed the Application into Docker container and made easily accessible at runtime using pivotal

● Event Driven architecture used like AMQ, Apache Kafka with Zookeeper.

● Experienced in designing, deploying and maintaining applications using Azure Cloud services

● Experience in developing and registering web services APIs using RESTful.

● Experienced in Relational Data Base Management System (RDMS) like MySQL, Azure SQL, SQL Server DB2, Spring JDBC.

● Experienced in Shell scripting and Unix commands and building applications using Jenkins pipeline and maintaining code versions using GitHub and TFS.

● Proficient in SQL, PL/SQL developed Stored Procedures

● Used logging tools like Log4J, SL4J

● Implemented Junit, Mockito for unit testing,

● Integration testing and DevOps using Jenkins.

● Worked on Azure Cloud, AWS

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| Languages | Java, Typescript, HTML, XML, CSS, REST, JSON, shellscript |
| Java Technology: | JDBC, Servlets, Spring |
| Frontend Technology: | Angular 13, node js, typescript |
| Database | SQL, DB2, SQL server, MySQL, Azure SQL, Azure Cosmo DB, Hibernate, JPA, MongoDB, AWS Dynamo DB |
| Web Server | Tomcat, WebSphere |
| IDE: | Eclipse, RAD, Spring Tool Suite |
| Versioning Tool | GIT, SVN, Perforce, JIRA, TFS |
| Design | Core & J2EE Design Patterns |
| App Server Platforms | WebSphere - Deployment, Features |
| Unit testing | JUnit, Mockito |
| Message Queue/Pipeline | Kafka, AMQ, JMS |
| Microservices | Microservices architecture |
| Spring | Spring Boot framework, Spring REST, Spring JDBC, Spring MVC |
| Software Development Framework | Agile, Waterfall |

# EXPERIENCE

IBM Corporation - Oct 22 – July 24 – Paramus NJ, USA

UPS: Global timecard System

Designation: Lead Application Developer (Full stack)

**Environment:** Java, Spring Boot, microservices, Angular 13, typescript, Azure Cloud, AWS EKS, AWS Lambda functions, AWS Dynamo DB, JUnit, Mockito, AMQ, JMS, Jenkins, DB2, gradle, maven, shellscript, openshift, TFS, CICD Pipeline, Kubernetes, Docker, DevOps

* Worked on architecture designing of the microservices when connecting with product owners and architects to create a design document on the structure of the APIs getting created containing the datatypes of the Request and Response Objects
* Getting approval from them before the actual implementation and letting them know what could be the expected solutions, infrastructure, and issues that might occur when implementation and provide alternative approaches if needed.
* As a team lead distributing the tasks within team to let them know what exactly is the requirement and getting updates from them daily as part of Scrum calls.
* Helping team with the solutions or information needed during implementation part.
* Work on implementation of microservices using Java8, Spring boot, microservice design patterns to provide endpoints to the client.
* It involved creating microservices from scratch as well as any enhancements needed for the pre existing applications.
* Worked on Angular 13, node js and typescript on developing single page application and integrating them with the backend.
* Deployed the application using either Azure App service or AWS EKS or AWS Lambda functions as discussed during requirement gathering cycle.
* Worked on AMQ and JMS for some applications for messaging queues and also used Kafka for some message streaming applications
* Some of the applications used DB2 to store data and where there was lots of data to store we used Dynamo DB.
* Used Junit and Mockito to write testcases for the services created.
* Built application code with Git, gradle, maven, TFS, Jenkins pipeline.
* Used Kubernetes and Docker for containerization of services.
* Created integration testcase documents for the changes
* Get the code reviewed and update on the progress to the Technical Architect and Project director every week.
* Helped with integration testing and production deployment
* Also helped in alteration of few shell scripts needed for deployement.

IBM India Pvt. Ltd - Oct 18 – Oct 22 – Pune MS, India

UPS: UPS Customs Data Exchange

Designation: Application Developer (Full stack)

**Environment:** Java, Spring Boot, Microservices, Angular 13, AzureSQL, Azure Cosmo DB, JUnit, Mockito, Azure Message Queue/Pipeline, Azure Cloud, API gateway, Azure key vault, Application Insights, Azure Fuctions and Event hub, Kubernetes, Docker, Jenkins, Swagger, maven, openshift, TFS, Nexus, JFrog, DevOps

* Participated in calls for requirement gatherings with technical architects and product owners to understand the design, architecture and requirement and prepare the documents to convey the API structure and architecture
* Getting the document created with Request and Response Object structures and their datatypes and getting it approved from them before starting actual implementation
* Actual implementation of the microservices from scratch which used Java 8, Spring Boot and microservices architecture.
* Integrating the APIs with UI.
* Creating branches on TFS repository for versioning of the code base and generating pull request to merge code.
* Merging the code changes to main branches fro environmental deployment after the pull request is approved.
* Deployed the application using Azure Cloud app services and resources and using Kubernetes and Docker to containerize the application.
* Manage scalability using Jenkins, managed service discovery using Azure private cluster and Azure API gateway
* Implemented API gateway for Authentication and decoding the tokens used when accessing our APIs by other applications
* Used keystore and Application Insights for storing sensitive data like passwords and ids.
* Worked on message queue like Kafka and pipeline design and development.
* Azure SQl and Azure Cosmos DB design, development and deployment
* Created Jenkins pipeline for various microservices.
* Helped with integration testing and production deployment
* Participated with creating change requests for the deployment and heped with actual prod deployment and integration testing.

Vodafone Idea Limited

Designation: Application Developer

**Environment:** Java, Spring Boot, RESTFul API, SQL, Nexus

* Designed, developed, and deployed the REST API using Java, Spring Boot, REST API
* Participated in calls for requirement gatherings with technical architects and product owners to understand the design and requirement and prepare the documents to convey the API structure and architecture,
* Used SQL database to store information on the VI agents.
* Created Jenkins pipeline for various rest web services.
* Helped with integration testing and production deployment

Suntrust Bank USA

Designation: Application Developer

**Environment:** Java, Spring Boot, RESTFul API, Mongo DB

* Designed, developed, and deployed the REST API for payroll using Java, Spring Boot, REST API
* Used MongoDB database to store information on user inquiries and feedback..
* Created Jenkins pipeline for various rest web services.
* Helped with integration testing and production deployment

Infosys - May 16 - Oct 18 Pune MS, India

John Deere: Manufacturing Analytics and Insights

Designation: Application Developer

**Environment:** Java, Spring MVC, Spring JDBC, Spring REST, SQL, Angular 2

* Designed, developed, and deployed the REST API using Java, Spring MVC, Spring REST
* Developed web pages using Angular 2.
* Participated in calls for requirement gatherings with technical architects and product owners to understand the design and requirement and prepare the documents to convey the API structure and architecture
* Used Spring JDBC to store information in SQL Database on the manufacturing data to provide analysis and Insights
* Helped with integration testing.
* Monitor the application after deployment

Mercedez Benz USA: Dealer Performance Bonus

Designation: Application Developer

**Environment:** Java, Struts, SQL, JSP

* Designed, developed, and deployed the API using Java and Struts
* Created JSP pages
* Participated in calls for requirement gatherings
* Used SQL database to store information on Bonus calculations for Dealers based on their Performance
* Helped with integration testing.
* Continuously monitor and audit to ensure meeting quality goals.

BMC Software Aug 2012 - May 2016 Pune MS, India

Designation: Product Developer

**Environment:** Install Anywhere, Java, J2EE, Perforce, CIF

* Worked as graduate Intern.
* Used Java J2EE, Install Anywhere and CIF framework to make changes to IBM truesight server.
* I gained hands-on experience as software developer here, working on a secure language java and related technologies.
* Helped with documentation for the product.

# EDUCATION

* Babasaheb Naik College of Engineering, Sant Gadgebaba Amravati University, India, Bachelor of Engineering (Computer Science and Engineering Honors) April 2007- April 2011

# CERTIFICATIONS

* AZ-900 Azure Fundamentals Microsoft certification