**Navya Chamidisetty**

+1 832-998-5466 | navya9.chamidisetty@gmail.com | [h](https://linkedin.com/in/navya-chamidisetty/)tt[ps://linkedin.com/in/navya-chamidise](https://linkedin.com/in/navya-chamidisetty/)tty

**Professional Summary:**

* **Over 8+ years** of IT experience in various phases of **Software Development Life Cycle** like planning, Analysis, Design, Development, Implementation, Testing and Deployment of Enterprise applications using J**ava/J2EE Technologies**.
* Proficient in **Object Oriented Programming concepts** and Core Java development with good experience on java Collections, Threading, Generics, Exception Handling.
* Hands on experience in developing applications using **Java/J2EE technologies like Spring and Spring Boot.**
* Experience in working with spring modules like **Spring MVC, Spring Microservices** and **Spring Data Framework**.
* Extensively worked in developing single page applications using **React JS**.
* Extensive experience in developing and consuming **RESFTFUL and SOAP** Web Services.
* Experience in **JUNIT** testing using **Mockito** and **Power Mockito**, integration testing and SOAP UI testing.
* Strong Knowledge in deployment in CI/CD system with **Jenkins** on Kubernetes container environment and Docker.
* Continuous development with co-engineers gave strong exposure in Version Control Systems like **SVN (Subversion), GIT, Bit-Bucket and Code reviews**.
* Good experience in developing queries with **SQL, PL/SQL and Stored Procedures** for accessing database objects and experience working on RDBMS Databases like ORACLE, and on NoSQL databases like MySQL Aurora.
* Experience in working with **Scrum (Agile)** methodology.
* Experience in working with AWS services like **Lambda with Node JS, S3, AWS Cloud Watch, Systems Manager, AWS Identity and access management** and **AWS Elastic Load Balancing**.
* Good in communicating with clients, customers, managers and other teams in the enterprise at all levels. Consistent **team player** with excellent **communication skills.**
* Ability to work **independently** as well as within a **team** environment.

**Technical Skills:**

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| --- | --- |
| **Languages**  **Databases**  **Web Development**  **Web Services**  **Deployment**  **Cloud Technologies**  **Testing**  **Frameworks & IDE Tools**  **Version Control**  **Other** | Java.  Oracle, MySQL, SQL Developer.  JavaScript, React JS, Angular RESTFUL Webservices, SOAP.  Docker, Kubernetes.  AWS Lambda, EC2, S3, CloudWatch.  Junit, EasyMock, TDD, Mockito, Jest  Maven, Log4j, Eclipse, Intellij, Visual Studio Code, Spring Boot, Spring.  Git, Bit Bucket, Tortoise SVN.  JIRA, Jenkins. |
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**Work Experience:**

# VISA February 2022 – Till Date

**Role: Senior Software Developer**

**STR Translator, Merchant Onboarding.**

**Responsibilities:**

* Developed a translator to convert XML based request to REST based request for legacy merchants using **Java**.
* Extensively worked on **Vertx** based Java applications for meeting client requirements in each sprint.
* Experienced in working with **Junit** test cases and made sure that 80% coverage mark is always met.
* Collaborated with different teams to gather bits and pieces of information to start Merchant Onboarding project.
* Analyzed the GET, PATCH flow of the application to make changes according to merchant’s requirement.
* Worked on making the Bank of America’s Capture flow near real time from Batch processing using **Java**.
* Developed controllers and services for handling the requests using **Spring Boot**.
* Documented all the information so that other team members could get beneficial from it.
* Extensively worked with **FUTURE** objects in **Vertx** to make sure right DB call goes through the code.
* Worked on **React** based UI applications to display all selected countries for any selected portfolio.
* Worked with CI/CD tools like **Jenkins** to integrate the code and test in higher environments.
* Created Kruiser stacks/bundles which are developed on top **Kubernetes** to test the functionality of our code in higher environments.
* Used **Git** as version control management tool and Bit Bucket to collaborate with team’s latest code.

# CapGemini June 2021 – February 2022

**Role: Java Full Stack Developer**

**Client: Vanguard.**

**My Retirement Guide: Vaporfly**

**Responsibilities:**

* Developed the application validations in **Java** to validate the details provided by the customer.
* Developed REST Webservices in **Spring Boot** using **Java**.
* Code deployments in Launchpad which is an internal containerized system which was developed using **Docker** and **Kubernetes**.
* Designed and developed error code scenarios that must be displayed according to the version selected by the user. Used **OOPS concept Inheritance** to design the solution for this problem.
* Converted the proprietary (SCMP) web services to **REST and SOAP** web services.
* Extensively developed middle layer complex reference data related programs.
* Gathered the requirements for development of web pages and developed them using **React JS**.
* Used **Bit Bucket** as code management system to collaborate on our team’s code and used **GIT** as a version control system.
* Covered 90% of class level code by using **JUNIT** test cases.
* Used Kubernetes commands to check for the logs at pod level.
* For front end web pages that were developed in React, used **Bamboo** as a log management system.

# Donato Technologies INC April 2020 – June 2021

**Role: Full Stack Developer**

**Client: Freddie Mac.**

**GA/GO Valuation – LIBOR to SOFR:**

**Responsibilities:**

* Analyzed the entire existing application to find out the usage of LIBOR interest rate to be able to convert the existing code accordingly to use SOFR interest rate.
* Modified existing java code to develop individual independent **Microservices** using **Spring Boot** and **Java 8**.
* Developed **shell scripts** to automate daily based tasks.
* Developed DAO API to manage the loan information using **JDBC**.
* Helped in settling the environment in Linux to run the **Java jobs**.
* Designed and developed various independent modules as Micro services and exposed them as **RESTful web services** using **Spring Boot**.
* Deployed the Spring boot application developed in the **OpenShift** platform.
* Used **Spring Boot Annotations** for incorporating Dependency Injection throughout the application.
* Working with **Agile team** in iterations to rapidly develop web services demonstrating output, incorporating feedback.
* Involved in writing SQL queries and Stored Procedures to be called with JDBC layer.
* Used SOAP UI tool to test SOA based architecture application to test SOAP services and REST APIs.
* Developed Docker image and containers for the application by configure Docker file, using Docker Compose to manage images.
* Developed test cases in **JUnit** for unit testing of classes.
* Tested components using **JUNIT Mockito** during development.
* Developed User Interface by using **React JS, Redux and Axios**.
* Communicated heavily with other teams to aggregate data coming back from their services and using them in our application.

# Synechron INC Jan 2017 – April 2020

**Role: Sr. Associate – Technology**

**Client: Asurion**

**Transfer Inventory:**

**Responsibilities:**

* Sole developer in building a Microservices for inventory tracking using **React JS**.
* Developed **generic components in React JS** to be used across the application.
* Used **React-Redux** for state management across the application.
* Implemented various **API calls** in the React application using **Axios**.
* Used **Redux-thunk** as Middleware to connect redux actions and reducers.
* Developed multiple **APIs in Node JS** using Express framework which are Dockerized and runs in Kubernetes.
* Used **AWS API Gateway** for providing RESTful APIs for the web application to access AWS services.
* Used **ajv** for JSON schema validation and Winston module for logging.
* Used **JWT** tokens to obtain session management in React application.

**Service Bench:**

* Used **Spring framework** for Dependency Injection (IOC), Model View Controller (MVC) and integrated with **MyBatis** framework and used Spring Core and Spring annotations for developing Action classes & Form beans.
* Used **MyBati**s for database persistence to perform actions like insert, update, retrieve and create.
* Implemented Audit Functionality for various modules to track user events to application and to back track logs in case of any issues using **Java Collection** and various **Java Utility classes.**
* Developed unit tests and integration tests using **Junit and Mockito frameworks**.
* Developed components to integrate with **RESTful Webservices using Java**, spring framework with strong Unit Testing around entire development.
* Consumed **RESTFUL web services** using Java and transformed the response for using it in the application.
* Developed APIs using Node JS for AWS Lambda to perform CRUD Operations and run the code in AWS.
* Developed server-side application to interact with database using **Spring and MyBatis**.
* Manage various **DDL and DML operations**, created various **Sequences**, **Views**, **Stored Procedures, Triggers** and provided grants to schemas in Oracle DB using TOAD developer.
* Working with **Agile** team in iterations to rapidly develop web services demonstrating output, incorporating feedback.
* Extensive experience in developing scheduled reports and exports to send data dumps to client’s FTP location using Java and Spring.
* Resolved development and deployment issues when required and helped in designing validation documents.
* Used agile methodology for software development which includes two weeks SPRINT, daily stand up and retrospective session organized by SCRUM master.

# EZ2 Technologies INC Jan 2016 – Dec 2016

**Role: So9ware Developer Client: Restaurant Services Inc.**

**Supply Chain Management:**

**Responsibilities:**

* Implementation is done using spring integrated with Hibernate for data persistence.
* Created Insurance preference module that allows user to create/update their profile details in dashboard using Java along with Spring MVC framework.
* Worked on server-side implementation using Spring core and Spring annotations.
* Used spring framework for Dependency Injection (IOC), Model View Controller (MVC)and integrated with Hibernate.
* Used Java Collections widely to store, retrieve and manipulate objects in the business layer and implemented business logic other Core Java concepts like Exception handling, String utilities and Date Time utilities.
* Used Eclipse IDE for development and responsible for deploying application in TOMCAT server.
* Creating maven archetypes for generating fully functional RESTFUL web services supporting JSON message transformation.
* Used Dependency Injection feature of Spring MVC framework and ORM mapping tool Hibernate for rapid development and ease of maintenance.
* Used Spring Boot Actuator to monitor and manage the application in production environment.
* Responsible for the oracle schema design, generating various POJO objects and generating their corresponding Hibernate mappings (.hbm) files.
* Performed unit testing on various project modules using JUnit framework.
* Implemented DAO classes using Hibernate to perform CRUD operations with Oracle database for Messaging module and used Toad for managing tables/Sequence or views in database.
* Developed User Interface using HTML, JSP, CSS and Java Script and developed Dynamic web pages using AJAX calls to load the data to UI list upon change of Dropdown selections.
* Created and executed bash scripts for automating daily tasks.
* Implemented code changes using Java for including appropriate validation as a part of enhancements.
* Used Tortoise SVN as version control and Jira for project management.
* Used agile methodology for software development which includes 4 weeks SPRINT, daily stand up and retrospective session organized by SCRUM master.

**EDUCATION:**

**The University of Houston** – Clear Lake, TX, USA – Dec 2015

Master of Science in Computer Science, GPA: 3.8

**Jawaharlal Nehru Technological University**, Hyderabad, India – May 2013

Bachelor of Technology in Electronics and Communication Engineering, Percentage: 74.4

**ACADEMIC EXPOSURE:**

# National Informatics Center, INDIA Dec 2012 – May 2013

* Completely automated the process of manually storing the records of the inventory and maintenance of the details of personnel who have been issued a weapon and what type of weapon issued to the police forces using Java, JSP and Oracle.

# Financial Data Mining June 2015

* A windows-based tool which generates buying and selling conditions based on historical stock data using 20 technical indicators. **C#.Net**

# University of Houston, Clear Lake June 2015 – Dec 2015

* Assisted 120 students in creating Java applications using Eclipse, IntelliJ and developed a Java application for university employees.

# Cricket Fantasy Web Application Dec 2015

* A web portal which runs a contest for users who can choose their own team before match and earn points based on his/her team performance. **JavaScript, JSPs, CSS3, Java, Oracle**

# Online Library Dec 2016

* A simple online library system which lets user to perform transactions like searching for books, picking up and returning etc., **Angular JS**