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## SRI MUKHA ANIKETH NALLANI CHAKRAVARTHULA

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### PROFESSIONAL SUMMARY

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- **Full Stack Java Developer** with over **6+ years** of IT experience in all phases of Software Development Life Cycle in designing and developing web services and web applications using object - oriented methodologies.
- Experience in building web services using various Spring Framework features like **Spring IOC, Spring MVC, Spring AOP** and **Spring ORM**.
- Experience in **Microservices** and **Spring Boot** application development.
- Experience in using JAVA 8 features like **Lambda Expressions, Streams, Method References, Repeating Annotations** and **Method Reflections**.
- Experience in Hibernate and in using Hibernate Connection Pooling, **HQL, Collections, Hibernate Caching**, and **Hibernate Transactions**.
- Experience with Hibernate JPA Entity Manager for CRUD Operations.
- Proficient in TIBCO Enterprise Message Service (EMS), a messaging platform used for reliable, secure, and scalable exchange of data and events in enterprise applications.
- Experience in developing single page applications using web technologies like **Angular, HTML5, CSS3, and JavaScript**.
- Expertise in **Developing Web API** using **Node.JS** and hosted on multiple load balanced API instances.
- Experience in XML technologies such as **XSL, XSLT, XML schemas, XPath, XForms, XSL-FO** and parsers like SAX, DOM.
- Experience in Core java concepts likes **OOPS, Data structures & algorithms, Generics, Collections, Multithreading, Exceptional handling, I/O, Serialization** and Java Lang Package.
- Experience in creating Docker images to solve containerization issues.
- Experience on working with **Amazon Web Services (AWS)** like EC2, S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon Cloud Front.
- Experience in Relational databases like MySQL, SQL server and NoSQL database like **MongoDB**.
- Optimized the database performance by creating indexes, partitioning large tables, and using other database tuning techniques.
- Experienced in different software development methodologies like Water Fall Model and Agile Methodology.

- Excellent written and verbal communication skills, Analytical, Problem-Solving skills, strict attention to detail and ability to work independently, lead/work within a team environment.

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## SKILLS

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- **Languages**  
Java 8, PL/SQL, SQL
- **Java/J2EE Technologies**  
Core Java, JSP, Servlets, JMS, Java Beans, Java Multithreading, Generics and Collections, EJB, Tiles
- **Web Technologies**  
HTML5, XML, DOM, JSON, CSS3, JavaScript, AJAX, Angular 4/2, Angular, React, REDUX.
- **Web Frameworks**  
Spring, Spring Boot, Hibernate
- **Design & GUI Tools**  
Eclipse, IBM RAD
- **App servers**  
IBM Web Sphere, Apache Tomcat, BEA Web Logic
- **Databases/Tools**  
Oracle, SQL Server, MySQL
- **Methodologies**  
Agile, Waterfall
- **Operating Systems**  
Windows, Linux, UNIX
- **Cloud Services**  
AWS, Azure, GCP

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## WORK HISTORY

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### Web Developer

01/2023 Present

Verde Neutra – Jersey city , New Jersey

- Developed and maintained dynamic web applications using Java, HTML, CSS, and JavaScript.
- Designed responsive and visually appealing user interfaces with HTML5 and CSS3.
- Implemented client-side interactivity and dynamic content using JavaScript and jQuery.
- Utilized Spring MVC for scalable back-end development and integrated RESTful APIs for data exchange.
- Conducted comprehensive unit tests using JUnit to ensure code quality.
- Optimized website performance for various devices and browsers.
- Deployed applications to production servers using Apache Tomcat and monitored performance.
- Provided ongoing maintenance and support, collaborating with cross-functional teams.
- Implemented security measures such as input validation and encryption.
- Utilized Git for efficient code management and collaboration.
- Stayed updated on emerging web technologies through self-directed learning.
- Implemented SEO best practices to improve website visibility.
- Troubleshoot and debugged issues to maintain application functionality.
- Collaborated with UX/UI designers for optimal user experiences.
- Actively participated in team meetings and knowledge sharing activities.

- Worked closely with project managers to prioritize tasks and meet deadlines.
- Implemented accessibility standards for users with disabilities.
- Integrated third-party services and APIs to enhance user experience.
- Resolved cross-browser compatibility issues and ensured consistent user experience.
- Implemented responsive email templates for marketing and transactional emails.

**Technologies:** Java 8, Spring, MVC, Spring Boot, Servlets, Micro Services, RESTFul, Hibernate, HTML5, CSS3, JavaScript, React, REDUX, Eclipse, XML, JMS, AWS, Docker, EJB, Log4j, JUnit, Jenkins, SOAP, NoSQL, MongoDB, SQL, Agile, and Windows.

## **Full Stack Developer**

12/2021 - 11/2022

### **Planet Bardot – Dallas, TX**

- Involved in all phases of the Software Development Life Cycle (SDLC) and utilized agile methodology (SCRUM) for application development.
- Designed and implemented Java collection API with Java 8 features to fulfill business case requirements.
- Utilized Spring MVC Framework for application development, handling authentication, authorization, and access control with Spring Security.
- Implemented Microservices architecture using Spring Boot to divide the application into independent business components.
- Developed presentation layer components using JSP, HTML5, CSS3, and client-side validations with JavaScript.
- Developed components in Angular 4 with TypeScript for building single-page applications and enhancing user experiences.
- Utilized Java Mailing or Messaging Service (JMS) API's for detailed notifications and system-related problem alerts.
- Deployed applications on AWS EC2 instances, utilizing Simple Storage Service (S3) buckets for data storage.
- Configured Docker container images and managed application lifecycle using Docker consoles.
- Developed deployment descriptors for EJB to deploy on WebSphere Application Server.
- Monitored error logs using Log4J and managed version control using GIT.
- Created JUnit test cases for DAO and Service Layer methods for testing.
- Implemented Service-Oriented Architecture (SOA) and web services using SOAP with JAX-WS.
- Designed NoSQL schemas for document storage and maintained sessions in MongoDB.
- Participated in Agile Project Management Environment, following the SCRUM iterative incremental model and configuring sprints for execution.

**Technologies:** Java 8, spring, MVC, Spring Boot, Micro Services, Hibernate, RESTFul, HTML5, CSS3, JavaScript, Angular 4/2, Angular, Bootstrap, POJO, DAO, AWS, Docker, Jenkins, XML, EJB, Log4j, JUnit, SOAP, MongoDB, PL/SQL, SQL, Agile and Windows.

## Software Developer

02/2020 - 05/2021

**WSFS Bank** – Wilmington , Delaware.

- Responsible for gathering business and functional requirements and preparing design and proof of concept.
- Designed and Development of Objects using Object Oriented Design in Java.
- Configured Spring Web MVC Framework to implement MVC design patterns.
- Worked on spring application framework features IOC container and AOP.
- Involved in design and development of Business Services by using Dependency Injection in Spring Framework and DAO Design Patterns.
- Designed and integrated full-scale Spring / Hibernate persistence solution with application architecture.
- Worked on Hibernate object/relational mapping as per database schema.
- Used Hibernate (persistence framework) to implement Database Access layer.
- Eclipse is used for development as IDE.
- Defined and developed User interface screens and corresponding Java artifacts using spring.
- Used SAX and DOM parsers to parse xml data and worked on XPATH to parse XML documents.
- Involved in development of business components (EJBs).
- Used Log4j Logger and Debugger to capture log that includes runtime exceptions.
- Wrote test cases in JUnit for unit testing of classes.
- Wrote SQL queries, stored procedures, and triggers to perform back-end database operations.
- Developed generic database Connection Pooling with WebLogic Admin server using spring, SQL query optimization.
- Involved in technical mentoring, production system support and customizing solutions.

**Technologies:** Java, spring, MVC, Hibernate, Eclipse, DAO, XPath, XML, DOM, EJB, Log4j, JUnit, SQL and Windows.

## Full Stack Developer

09/2017 – 03/2019

**Maxgen Technologies** – Pune, India.

- Participated in full SDLC activities, from requirement gathering to deployment, for essential banking software leveraging Java 8 and Spring Framework.
- Crafted efficient code with Java 8, utilizing lambdas and streams to improve module performance and responsiveness.
- Implemented a series of responsive web applications with Spring MVC, focusing on modularity and transaction management.
- Developed and maintained RESTful services, facilitating effective backend integration with Spring Boot. Advanced front-end development with AJAX within Spring Boot, ensuring dynamic user interactions.
- Orchestrated data persistence using Hibernate, streamlining database operations with annotated POJOs.
- Engineered a React-based form management system, incorporating CRUD operations for account and transaction management.

- Created a modular React component library to enhance UI consistency and maintainability across banking operations.
- Administered Kafka for reliable messaging and transaction data processing at scale.
- Managed AWS services, leveraging EC2, S3, and IAM for secure, scalable cloud infrastructure.
- Oversaw Docker containerization for efficient application deployment and management on AWS.
- Developed backend services with Java Beans and EJBs, meeting complex sector-specific requirements.
- Implemented Log4J, JUnit, and PowerMock for comprehensive logging, testing, and code quality assurance.
- Automated build and deployment workflows with Jenkins, supporting continuous integration and delivery.
- **Promoted Agile SCRUM methodologies, leading iterative development, and feature delivery in a collaborative environment.**  
**Technologies:** Java 8, Spring, Hibernate, HTML5, CSS3, JavaScript, React, Redux, Kafka, AWS, Docker, EJB, Log4J, JUnit, Jenkins, SOAP, MongoDB, Agile, Windows.

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## EDUCATION

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**Master of Science:** Computer Science

**University** – Stevens Institute of Technology