

PROFESSIONAL SUMMARY

- As a **Senior Software Developer**, I have a proven track record of delivering solutions and maintaining diverse systems. My expertise in a variety of programming languages and cloud technologies enables me to work effectively in dynamic environments in all phases of the **Software Development Life Cycle (SDLC)** which includes development, design, analysis, testing and Integration.
- Skilled in **application development, functional testing, performance testing and optimization** while maintaining strong **object-oriented** and **software architecture** fundamentals.

TECHNICAL SKILLS

Programming Languages: **Java, Python, SQL, JavaScript.**

Scripting Languages: **Bash, YAML, Lua.**

Build and deployment tools: **Maven, Gradle, Jenkins, GitHub, BitBucket, Lua, Docker.**

Cloud technologies: **Amazon Web Services (AWS), Docker, Terraform, Ansible, Azure DevOps.**

Issue tracking and code quality tools: **Jira, Rally, SonarQube.**

Frameworks and architectures: **Spring Boot, Angular, React, RestFul APIs, Monolithic, MicroServices.**

Sql/No-Sql databases: **Mysql, Cassandra, DynamoDB, Elastic search, MongoDB, RDS.**

AWS Services: **EC2, ECS, Lambda, SNS, CloudWatch, Auto Scaling Group, Route53, DynamoDB, ELB, IAM.**

PROFESSIONAL EXPERIENCE

Sr. Software Developer

CapitalOne, McLean, VA

Feb 2022 to Present

- Implemented Java 8 features like **lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, for each** to enhance the performance and make code more readable.
- Interacted with **Product Owners** and **Clients** to understand new intake and Designed new APIs flow.
- Followed **Agile Environment** throughout the development and deployment processes.
- Created dashboards, alerts and cronjobs in **Splunk** and **New Relic** and integrated them with PagerDuty.
- Designed Resource URI for developing **RESTFul Web Services** and used Swagger as a tool for generating Requests and Responses.
- Used **Amazon MSK** to process streaming data from micro services using **Apache Kafka**.
- Improved the code coverage for **SonarQube** to more than 95% using **Junit** to test and **Mockito** for mocking.
- Containerized Microservices using **Docker** and deployed in **AWS** using **ECS cluster with EC2 instance Type** to increase Isolation, Used **S3 buckets** to store old **Docker images**.
- Used Amazon API Gateway for **traffic management, authorization, monitoring and maintaining API version**.
- Implemented API security with user access control including **JWT** and **OpenAPI**.
- Enforced **Policies, Roles and Permissions** to Users and Resources using **AWS IAM**.
- Created **Jenkins Pipeline** using Internal Tools for **Deployment to S3, Stack Creation on AWS**.
- Successfully Executed many **Production Releases** and provided immediate fixes for bugs.
- Implemented an application to have a Mock **Server** setup to execute **Regression Test** and **Performance Test**.
- Perform **Code** and **Design reviews** that allow our Junior members to learn and grow their expertise.
- Implemented the design to detect fraud and deny the requests to save sensitive customer data.
- Authenticated our **Redis Clusters** for **cache**, reducing the likelihood of **malware attacks**.

Software Engineer

State of Wyoming - Tata Consultancy Services, Casper, WY

March 2021 to March 2022

- Designed and Developed business components using **Spring IOC, Spring Annotations, dependency injection, transaction management through Spring framework.**
- Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture provided by **Angular 6.**
- Developed single page applications using **TypeScript, HTML5, CSS3** and **Bootstrap.**
- Performance testing and optimization of database, benchmarking and **SQL Server** Best Practice.
- Used **react-bootstrap** for styling and responsive web design.
- Spring Data JPA is used as a Data Access Layer to retrieve data from the Database Layer.
- Used **Mockito tool** for performing Unit Testing and achieved 95% accuracy by using **JACOCO tool** with H2 database as a part of testing.
- Using **JUnit test** in Eclipse, developed Unit test cases and test suite, **curl** was also implemented to test.
- Developed **Maven scripts** and developed builds using Maven and continuous integration servers like **Jenkins.**
- Used Rest client - **POSTMAN and SOAPUI tools to test REST API services.**
- Used **JBOSS** and **Tomcat** for application deployment and stage testing.
- Implemented **Micro Services based cloud Architecture** on **Azure Devops** for deployment.

Software Developer

University at Albany, Albany, NY

May 2019 to Aug 2019

- Analyzed Customer Specifications and development of the application for dynamic user experience.
- Developed the application both for web and mobile using **HTML, CSS3, EcmaScript6, jQuery, Ajax, React, JavaScript, Bootstrap and Node JS.**
- Used **Spring Validation framework** to implement the server-side validations.
- Modified and integrated the stored procedures in **PL/SQL** to work in sync with the SOA composites.
- Created web services, **WSDL** and web methods with **Annotation** in hibernate.
- Used the spring container for data source and to load the Hibernate specific classes.
- Implemented **REST based Web services** for various CRUD operations.

Associate Software Developer

DBS Bank, Hyderabad, India

Aug 2017 to Dec 2018

- Designed 30 screens of different complexities and varied business logic included using **JSP, Struts.**
- Used **Multi-Threading** concept to post data from files to tables involving transformation of file format.
- Contributed to the development of web interface for User module and Admin module using **JSP, HTML, XML, CSS, Java Script, AJAX, and Action Servlets** with Struts Framework.
- Wrote about 50 plus **Database procedures and functions** and Tuned the already existing ones.
- Used **Junit unit testing, Selenium** for UI testing and Fitnesse for Integration testing.
- Performance tuning of **JVM heap size, garbage collections, java stack** and **Native threads.**
- Implemented **POJO** based actions by **STRUTS** and also used tag support given by **STRUTS 2.x.**

EDUCATION

Masters

Jan 2019 to Dec 2020

Computer science from University at Albany, SUNY.

Bachelors

Sept 2014 to May 2018

VNR Vignana Jyothi, Hyderabad, Telangana