**Sai Divya Nakka**

saidivya.nakka@gmail.com

903-730-1123

**SUMMARY OF QUALIFICATIONS**

* Overall **4+ Years** of professional **IT experience** in analysis, design, development, testing, delivery and production support of application software & Expertise in **Financial, Healthcare & Insurance Domains.**
* Working Experience in **SDLC** by using **Agile (Scrum), Waterfall** methodologies
* In-depth knowledge and experience in **Java, J2EE, JavaScript, HTML, jQuery, Spring MVC, Spring Boot, Hibernate, MyBatis, Web Services.**
* Experienced in various **Java** and **J2EE Frameworks** such as **Spring MVC Framework, Hibernate, JMS, Spring Rest & Spring Boot Technologies**
* Hands-on experience in the **Spring Framework**, Spring Core (IOC Container, Dependency Injection and AOP), **Spring MVC and Spring Boot Technologies**
* Expertise in in configuring **Hibernate** **Framework** and writing the code for DAOS
* Extensive knowledge and experience in **SOAP** and **REST Web Services.**
* Familiar with **Tomcat Server application/web server.**
* Proficiency in developing **build & deployment** scripts using **Maven** andextensive experience in different **IDEs** like **IntelliJ, Eclipse, Visual Studio, Spring Tool Suite.**
* Experience in Integration of **Amazon Web Services AWS** with other applications infrastructure.
* Hands on experience with **JUnit** and **Log4j** in developing test cases.
* Good knowledge in Design Patterns like **MVC, Singleton, Factory, Abstract Factory, DAO, Session Facade.**
* Implemented a business report function for the insurance and finance system. Satisfied all requirements for data display and analysis by using **Java SE, SQL.**
* Hands on experience in working with **Spring Boot.**
* Experienced in developing **UML** diagrams like **Use Case Diagrams**, **Class diagrams and Sequence Diagrams**
* Skillful in full life-cycle development using **Object Oriented Methodologies/Programming** (OOP’s).
* Expertise in using version control tools such as **GIT.**
* Possess good RDBMS concepts knowledge and worked with **SQL, MySQL and MSSQL databases**.
* Good Analytical, Problem Solving, Debugging and Interpersonal skills with excellent understanding of system development metrics, techniques and tools.
* Excellent Communication and Presentation skills complemented with the ability to quickly adapt to new environments and master new technologies.

**EDUCATION QUALIFICATION**

Bachelor’s in Computer Science Engineering, India

Master’s in Computer Sciences, US

Master’s in Information Technology Management, US

**AREAS OF EXPERTISE**

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| **Languages** | **Java,** C, JavaScript, XML |
| **J2EE Technologies &**  **Frameworks** | Java, J2EE, JavaSE, JSP, Angular JS, JDBC, Java Beans, MVC, **JMS, JAXB,** JBoss, **Spring, Hibernate, Web Services**, SOAP, REST, WSDL, **Jersey,** **JUnit, AWS, Log4j, jQuery.** |
| **Web/Application Servers** | Tomcat Server |
| **Development Methodologies** | Waterfall, Agile/ Scrum |
| **IDE Tools** | Eclipse, STS, IntelliJ, Visual Studio |
| **Build and Other Tools** | Maven, JENKIN, SPLUNK, SOAP UI, GIT |
| **Databases & Tools** | Oracle, CouchBase DB, DynamoDB, PostgreSQL, SQL, MySQL, DB2, TOAD, SQL Developer, MSSql Server Management Studio |
| **Operating Systems** | Windows, Linux, Mac |

**PROFESSIONAL WORK EXPERIENCE**

**Client: Centria Health Care, MI May 2019 – Till Date**

**Role: Java Application Developer**

**Description:** Centria Healthcare currently provides autism therapy sessions through its ABA Advantage program (Applied Behavior Analysis) to thousands of clients in Michigan, Texas, New Mexico, New Jersey, Washington, Oregon, California, Arizona and Massachusetts.

Previously, all therapy scheduling, data collection, insurance billing and payroll data reporting was conducted using a paper-based process. The applications Logic has built for Centria has automated all above mentioned and related supporting processes.

The applications include web-based portals for both ABA A and most recently CareConnect which manages in home Private Duty Nursing and Physical Rehab service performed by Centria employees utilizing mobile[tablet] apps. [mobile named as ABA A and CareCheck]

**Responsibilities:**

* Analyzing and evaluating computer systems’ capabilities to understand strengths and weaknesses for the identification of opportunities for system improvement.
* Identifying and communicating business needs and translate business requirements into technical system and functional specifications.
* Involved in **Agile/Scrum** methodology.
* Identifying, investigating, resolving and escalating problems as needed. Gathering data to support recommendations to address problems.
* Analyzing, designing, and coordinating implementation and deployment of simple-to-moderate complex systems and environments.
* Involved in developing UI single page applications using **AngularJS** by coding different controllers, services apps script modules, creating shell pages **using JSPs and HTMLs** as partials, used jasmine testing framework to create specs for the angular modules.
* Installing software and configure system environments for DEV, QA, Staging, and Production.
* Provide data input and perform system load and performance testing, analyze data flow to find system bottleneck and suggest improvement of system’s performance and efficiency.
* Researching and recommending software tools to management.
* Effectively develop and collaborate with others to develop **MySQL DB** queries and modified them as per the requirements.
* Used **Spring Boot** at backend which helps to develop application with ease.
* Involved in integrating and maintaining Release Management Tool and Build Management Tool for CI/CD, create and manage application release schedules.
* Write documents and instruction manuals for applications and provide training for end users.
* Involved in configuring and maintaining MySQL database servers.
* Perform other duties and responsibilities as required or assigned.
* Participated in biweekly Sprint Retrospectives, Sprint Planning, Sprint Review and Backlog Refinement meetings.

**Environments:** Java 1.6-1.7 & 1.8, Spring 4.1.6, RESTful, IntelliJ, Apache Tomcat, Atlassian Confluence Tools- Jira, Bitbucket, Jenkins, MSSQL Server, AngularJS, HTML5, CSS3, JSP, Windows Pro, Snagit, Visual Studio, IntelliJ, Source Tree, MS SQL, IBatis. Sprint duration 2 weeks, daily stand ups

**Development servers:** Continuous integrations to Local Host (Dev env), Stage, UAT, Pre-prod and Prod region servers

**Client: Vanguard, PA Aug 2017 – May 2019**

**Role: Java Mid-Tier Developer**

**Project**: Glide Path webservice, HealthCare Estimator, Next Dollar Accumulator

**Description:** Vanguard is an Investment Management Company, offering Personal Advisory and other financial services to Retail and Institutional Clients in United States and abroad. It is the largest provider of mutual funds and second largest provider of exchange trade funds in the world. Involved in Digital Onboarding project, which is part of Personal Advisory Services, with a goal to convert existing clients to digitally enroll by using the online system, thereby reducing load on Advisors.

**Responsibilities:**

* Participating in **Sprint Zero** requirement sessions with business owner and team, to do example mapping by adopting Acceptance **Test Driven Development** method.
* Front running requirements by creating **Cucumber Feature files** and creating design & implementation documents in **Confluence**.
* Participating in **Cross-team collaboration** meetings to finalize contract tests for UI/MT integration.
* Adopted **Agile/SCRUM** methodology for software development.
* Hands on experience in **MT** code development for various modules - **webservice, domain, dao, gemfire**, application layer.
* Involved in working on **DynamoDB.**
* Involved in hosting all the microservices into **AWS** cloud.
* Set up and built **AWS** infrastructure with various services available by writing cloud formation templates in json.
* Created **RESTful micro services using jax-rs api**, Consumed REST end points using jax-rs Client API, Stored Procedures, Service Requests, Facades, Delegates, Validators. Used spring security for securing rest services.
* Implemented **middleware services** (secondary logic) using Spring AOP - **Transactions, Security & Logging.**
* Involved in developing UI single page applications using **AngularJS** by coding different controllers, services apps script modules, creating shell pages **using JSPs and HTMLs** as partials, used jasmine testing framework to create specs for the angular modules.
* Migrated applications from internal data center to AWS.
* Involved in developing **UI facelets** for Personal Advisor Services and Resource management UI projects.
* Involved in **Feature Toggling** using **GateKeeper** 2.0 API. The feature toggle is provided as a REST end point for UI to toggle features based on version releases.
* Developed code with design patterns including **Singleton, Decorator, Factory, DAO, Domain, Observer, Service Locator and Front Controller.**
* Worked on configuring Gemfire cache server cluster on WAN gateway, to share cache between many webservices.
* Adopted Agile Testing Pyramid strategy and wrote Contract tests, **Junit tests, Integration tests, Integration Drivers, Cucumber E2E tests and manual testing REST end points with POSTMAN.** Created JUnit Contract Tests with Jersey Test and consumer driven PACT Contract tests to consume REST end points.
* Implemented good coding practices by using **SonarQube & JTest**.
* Ensured near 100% code coverage thresholds by developing production code in TDD process using Junit tests and by performing **Mutation Testing**
* Involved in writing procedural documents for cross-team use.
* Performed code reviews for the team using **Bitbucket built-in code review tool and Crucible**.
* Performed environment builds, deployments to **PCF** as application platform as a service (aPaaS).
* Involved in Production elevations to PCF, certifications and provided postproduction **on call** support.
* Involved in fixing critical postproduction bugs.
* Involved in creating documentation **Runbooks** for the modules that I worked with.
* Participating in daily **scrum meetings** to discuss progress on current sprint.

**Environments:** Java 1.6-1.7 & 1.8, Spring 4.1.6, RESTful, Spring Tool Suite, WebStorm, Pivotal Cloud Foundry, Apache Tomcat, PCF, Atlassian Confluence Tools- Jira, Bitbucket, Bamboo, Jenkins, Nexus as artifact repository, AngularJS, Jasmine, HTML5, CSS3, JSP, JSF, Windows Pro, Snagit. Sprint duration 3 weeks, daily stand ups, sprint velocity between 50-60 story points for a 10-developer team size.

**Development servers:** Continuous integrations to Dev, SAT region servers.

**Client: Marriott, MD Mar 2017 –June 2017**

**Role: Java Developer**

**Description:** Marriott Travel List project is customer portal where member come and register to the portal to utilize various services. The system is developed using Java and J2EE technologies. This web application was created to make the user easy to access any of the nearby places, tribes, food places etc. according to their point of interest.

**Responsibilities:**

* Developed application using Agile Methodology
* Responsible for creating functional design documents, technical documents, flow charts and data flow diagrams.
* Developed **Spring Controllers, Service Components, DAOs, Web Services and UI Integration** for processing the member request for two modules
* Developed the DAO layer using the **Hibernate** annotations and configuration files
* Build **REST**web service by building **Node.js**Server in the backend to handle requests sent from the front-end **jQuery Ajax calls**.
* Used **Spring MVC Framework Dependency Injection** for integrating various Java Components
* Consumed Enterprise **Web Services & generated client using Jersey and Axis** Frameworks
* Developed specialized search system using **JUnit, Maven.**
* Developed Front End code using **React.JS, Java Script, HTML, CSS, Jquery.**
* Developed the application using the Data bases like **Couchbase and PostgreSQL.**
* Developed Bash scripts to import External data.
* Created Several Indexes in **Couchbase** and used **Full Text Search.**
* Used **Maven Scripts** to build and deploy applications and worked closely with build team to resolve CI, Maven site and Report Issue.
* Experienced in working with **JIRA.**
* Maintaining the business standards in EJB and deployed them in **WEBSPHERE 7** application server.
* Unit Testing Java code using **JUnit 4** and Integrating with **Jenkin**
* Was part of production support team to resolve the production incidents
* Co-ordinate with the QA lead for development of test plan, test cases, test code and actual testing responsible for defects allocation and those defects are resolved

**Environment: Java,** J2EE, JSP, Servlets, **JDBC, Couchbase Db, PostgreSQL, XML, Spring 3.x, Hibernate**, Web Services, **SOAP, Restful, Rest Client** **Jersey, Axis,** SOAP UI, **Eclipse,** Node.JS, TOAD, **JUNIT,** SQL, PL/SQL, JSTL, **Apache Tomcat,** HTML, CSS, **ANT, Maven,** **Jenkin,** UML, WebLogic, Linux.

**Client: Ideas, Bangalore, India July 2013 – Oct 2014**

**Role: Java Programmer**

**Description:** Bill bus is a commercial credit and invoice management hub providing cash flow visibility to both businesses and lenders. Operating as a Software as a Service (SaaS) electronic community that exchanges information between businesses and lenders with a focus on accounts receivable and cash flow management. Unlocking the data and value of receivables information for businesses and lenders. Bill bus makes it possible for small medium sized enterprises (SME) to electronically send an invoice, track its status, collect payment, and finance that invoice within a network of factors and asset lenders with simple tools that manage cash flow. Simultaneously, commercial finance partners receive an array of automated sales and lead generation capabilities with enhanced credit data and automated due diligence processing.

**Responsibilities:**

* Involved in preparation of functional definition documents and Involved in the discussions with business users, testing team to finalize the technical design documents.
* Enhanced the Web Application using **Struts.**
* Created business logic and application in **Struts** Framework using **JSP,** and **Servlets.**
* Documented the code using **Java doc** style comments.
* Wrote Client-side validation using **Struts** Validate framework and **JavaScript.**
* Wrote unit test cases for different modules and resolved the test findings.
* Implemented **SOAP** using **Web services** to communicate with other systems.
* Wrote **JSPs, Servlets** and deployed them on **WebLogic Application server.**
* Developed **automated Build** files using **Maven.**
* Used Subversion for **version control** and **log4j** for **logging errors.**
* Wrote **Oracle PL/SQL Stored** procedures, triggers.
* Helped production support team to solve trouble reports
* Involved in Release Management and Deployment Process.

**Environment:** Java**, J2EE, Struts, JSP**, Servlets, JavaScript, **Hibernate, SOAP, WebLogic, Log4j, Maven,** CVS, PL/SQL, Oracle, Windows.