**Trinadh S**

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**Professional Summary:**

* Around **8+ years** of professional experience as a **Full Stack Developer**, experienced in implementing and developing complex applications. Involved in **Software Development Life Cycle (SDLC)** which embraces Design, Development, Implementation and Testing of enterprise business applications using **Java**.
* Experienced working in both **Agile** and **Waterfall** based development environment and participating in **Scrum** sessions.
* Experience in Developing User Interface (UI) Rich Web Applications using Front End/User Interface (UI) Technologies using **HTML5**, **DHTML**, **CSS3** (SaaS, LESS) frameworks, **Bootstrap**, **Java script** (**ES5** & **ES6**), **jQuery**, **JSON**, **Angular CLI**, **React JS** using **Node JS** and **NPM**, **AJAX** by managing all facets and pipelines of application.
* Good knowledge on **Data structures**, **Algorithms** and **Object-Oriented Programming**.
* Have strong exposure and work experience on core java concepts like collection **API**, **Stream API**, **Parallel Streams**, **Exception handling**, **Multithreading**, **Hash Map**, **Concurrency**, **JDBC**, **Modularity**, **executor service**, **fork** and **join** frameworks.
* Expertise in **Microservices** development, dealt with Traffic Management and scope functionality, highly proficient in designing n-tier Enterprise application with **J2EE** design patterns like **IOC** (Inversion of Control), **AOP** (Aspect Oriented Programming), **Spring MVC**, **Spring Batch**, **Business Delegate**, **Service Locator**, **DTO**, **DAO**, **Front Controller**, **Factory**, **Singleton** and **Spring Boot** to the application's implementation, and **Spring Security** towards the **security**.
* Designed and developed J2EE MVC applications using **Spring MVC** and **Spring Boot**.
* Good understanding of **Core Java SE 8/11** concepts like **Streams API**, **Time API**, **Functional Interfaces**, **Multithreading**, **Transaction Management**, **Exception Handling**, **Lambda functions**, **Generics** and **Collection API**,**Hash Map**, **concurrency**, **JDBC**, **modularity**, **fork** and **Join** frameworks.
* Good knowledge on working with Relational database ORM frameworks like **PostgreSQL**, **MySQL**, **DB2**, **Microsoft SQL Server**,**Oracle** 13c/11g,**NoSQL DB** (**Mongo DB** and **Cassandra**, **Cosmos DB**,**Dynamo DB**).
* Experienced in **AWS EC2**, **EC2**, **S3**, **Lambda**, **ECS**, **EBS**, **Elastic Load Balancers**, **Elastic Beanstalk**, **Amazon** **RDS**, **AWS-Lambda**, **SWS**, **SQS**, **VPC**, and **IAM Security Groups** that are utilized for different environments like development, testing, Production.
* Worked on **Microsoft Azure** and **Google cloud Platform** clouds for its enhanced flexibility, integrated delivery pipeline, security, disaster recovery.
* Hands-on experience using version control tools like **SVN** and **GIT** and management tools like **JIRA**.
* Good working knowledge of **Ant**, **Maven**, **Gradle**, **logging**, **Mockito**,**Junit**, **Log4j,SLF4J** for unit and integration testing.
* Hands on experience in using testing tools such as **Mocha**, **Chai**, **Jasmine**, **Karma**, **Selenium**.
* Hands on experience in using **Automation Anywhere** tool which is a popular robotic process automation (**RPA**) tool that is used to automate repetitive and rule-based business processes.

**TECHNICAL SKILLS :**

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| --- | --- |
| **Programming Languages** | Java 11/8.0/7.0/6.0/5.0, J2EE, SQL, Python, PL/SQL, UML, C, C++ |
| **Java/J2EE Technologies** | Core Java,Swing ,I/O, JDBC, Servlets, Hibernate,Design Patterns,JSF,JMS,Log4J,SLF4J. |
| **Web Technologies/** **XML Technologies** | HTML 5, CSS 3, JavaScript, JSP, jQuery, AJAX, Angular JS, Node.js, Web Services, React.js, EJB , JSON, Bootstrap,XML, XSL,XSD, XSLT, DOM. |
| **Development Tools/IDE/Framework** | Eclipse, IntelliJ, Gradle , JBuilder, Junit, JDeveloper ,Visual Studio, Spring MVC, Spring Boot, Spring batch, Spring Security, Spring AOP. |
| **Web/Application Servers** | Apache Tomcat, Web Logic, JBoss, WebSphere. |
| **Databases** | Microsoft SQL Server, Cosmosdb, Oracle, MySQL , MongoDB, Cassandra,Postgres, Mariadb. |
| **Version Control** | GIT,Concurrent Versions System (CVS), Visual Source Safe (VSS), SVN, Bit bucket. |
| **Operating System** | Windows , LINUX. |
| **Other Tools** | AWS,Microsoft Azure, GCP,Putty, VMware,Maven,Ant,Jira ,Jenkins , WinSCP,Docker,Postman, RabbitMQ, Apache Kafka, Singleton,Axios,Mockito, Kubernetes , CI/CD, Mocha, Chai,Redux,Grafana, Cloud Watch, EC2, RDS, S3, ELB, EBS,PowerMock ,Prometheus,Github. |
| **RPA** | Automation Anywhere |
| **Methodologies** | Agile, Waterfall, SCRUM. |

**Alteryx - Redwood City - California July 2022 - Present**

**Role: Sr Full Stack Developer**

**Project Description:** Alteryx is a data analytics and business intelligence platform that allows users to access, transform, and analyze data from various sources. I worked on dashboards development and Vendor Sales report as the Vendor requested. In this process , I have achieved to improve the Performance, Scalability and User Experience.

**Responsibilities:**

* Worked on designing, developing, and testing the **Microservice** application from the scratch using **Agile**/**Scrum** methodology.
* Made considerable use of Modernizer to create cross-browser compatible **HTML5/CSS3** based page layouts.
* Used **React**.**js** to implement a client-side interface. Developed a single **ISOMORPHIC** responsive website utilizing **React.js** while working on responsive design that could be accessed by desktop, tablet, and mobile visitors.
* Used the **Redux** (Reducers) architecture to implement application testability, diagnostics, and bug fixes.
* Utilized **Axios** to manage **HTTP requests**, which supports Promise API features built with **JS ES6**.
* Aquired Knowledge on Electrode Platform **Node.js/Web** platform built on top of the **React.js**.
* Developed Web API using **Node.js** and hosted on multiple load balanced API instances.
* Applied **Spring IOC**, **Spring MVC** Framework, **Spring Batch**, and **Spring Boot** to the application's implementation, and **Spring Security** towards the security.
* Used **Microservice** architecture with **Spring Boot** based service through **REST**.
* Developed **REST** Web Services clients to consume Web Services as well other Enterprise Web Services.
* Developed cloud hosted web applications and **REST APIs** using **Spring Boot** with embedded **Tomcat** in Containers.
* Used **Microsoft Azure** to provide the cloud services for the application developed.
* Used **Microsoft** **Azure** (Cloud Technology) for Creation and Configuration of Virtual machines.
* Used **Microsoft SQL Server** for creating the Stored procedure, Stored Functions, Triggers and Query Optimization.
* Used **Cosmos db** to store and retrieve data with high availability and reliability.
* Used **Azure Pipelines** as build tool and deploying the application using **Kafka**.
* Used **JUnit** to unit test the modules & **SLF4J** along with **Splunk** for logging error/debug messages and managing them.
* Integrated **Azure Boards** with **Azure Repos** and configured with **Azure Pipelines** to automate the entire Build and release process.
* Built **Docker** images and Deployed in **Kubernetes**(**AKS**).
* Using **Docker** for setting Azure Container Registry with **Docker** and Docker-compose, actively involved in deployments on Docker using **Kubernetes.**

**Environment** : Agile,Scrum,SDLC, HTML 5,CSS 3, React.js, Redux, Axios,JS ES6, Node.js, Spring IOC, Spring MVC,Spring Batch, Spring Boot, Spring Security, Microservice ,REST, REST APIs, Tomcat, Microsoft Azure, Microsoft SQL Server, Cosmos db, Azure Pipelines,Kafka, JUnit, SLF4J, Splunk, Azure Boards,Azure Repos, AKS, Docker.

**Phoenix Data Systems - SouthField - Michigan January 2022 - July 2022**

**Role: Full Stack Developer**

**Project Description:** Phoenix Data Systems is a trusted provider of CMMS software. AIMS3 (Asset Information Management System) software is used by tens of thousands of HTM professionals around the world.As a Full Stack Developer , worked on Designing,implementing the user interface of a web application and Maintaining the back-end of the Custom Interface application.

**Responsibilities:**

* Involved in the **Software development life cycle** for gathering requirements, employing **Agile** methods for analysis, design, development and testing of applications.
* Implemented **Java11** and **Java8** features like **Lambda** **expressions**, **Streams**, **filters**, **pipelines**, Optional Interfaces, **TLS 1.3** support which is used to provide more **Security.**
* Worked on UI testing with **Mocha** and **Chai** for **React.js** and **Express.js**.
* Worked on **REST APIs** via client-side **JavaScript** and server-side via **Node.js**.
* Implemented **Auto Configurations** in **Spring Boot** to configure API’s quickly and easily.
* Implemented **Spring Web MVC** in the **Spring Boot** to support wide variety of HTTP request methods and content types.
* Used API Gateway, **Lambda**, and **MongoDB** to implement a serverless architecture, then released **AWS Lambda** code via Amazon **S3** buckets.
* Implemented **AWS** solutions using **S3**, **RDS**, **Elastic Load Balancer**, Optimized volumes , **EC2** instances and created monitors, alarms, and notifications for **EC2** hosts using **Cloud Watch**.
* Worked on data extraction in loading **JSON** data from the server-side content into **MySQL .**
* Created dynamic schema design through **NoSQL** **MongoDB** by writing rich queries and achieved data in a collection to be distributed across multiple systems.
* Used **Jira** for User Story updating/Bug tracking.
* Worked with **Kafka** Zookeeper for managing the cluster with broker/cluster technology.
* Used **Microservice** architecture with SpringBoot based services and used **Apache Kafka as** Mq.
* Used **Grafana** to monitor Application and Database Performance in the Spring Boot.
* Developed **Unit Tests** using **JUnit**, **Mockito** and **PowerMock** and Involved in functional and integration testing.
* Worked on Setting up CI/CD Pipeline in the AWS environment using **Code Pipeline**, triggered the builds using AWS **CodeCommit** and deployed applications into **EC2** instances using **Code Deploy**.

**Environment** : SDLC,Agile, Java11, Java8, Streams, Pipelines, Mocha, Chai, React.js, Express.js, REST APIs,Node.js, Auto Configurations,Spring Boot,Spring Web MVC ,JavaScript, MongoDB,AWS, AWS Lambda,S3, RDS, Elastic Load Balancer, Cloud Watch, JSON,MySql, NoSQL,Jira,Kafka, Microservice, Apache Kafka, Grafana, JUnit, Mockito, PowerMock, Code Pipeline, CodeCommit, Code Deploy.

**CashFree Payments ,Bangalore, India January 2019 – December 2021**

**Role: Full Stack Developer**

**Project Description:** Cashfree is a payments and banking technology company that enables businesses in India to collect payments online and make payouts, it enables payment collections, vendor payouts, wage payouts, and instant loan disbursements. I have designed API modules for Banking system and deployed these on Cloud Platform.

**Responsibilities:**

* Involved in analysis, specification, design, implementation, testing, and production phases of **Software development Life Cycle** (**SDLC**) and used **Agile methodology** (**SCRUM**) sprint cycle .
* Developed Rest Webservice in **Spring Boot** and Lambda Functions using **Node.js**.
* Worked on **Java 1.8** features like Predicates, **Functional Interfaces** and **Lambda Expressions**, Method References, and **Stream API** for bulk data operations on **Collections**.
* Designed and implemented **Angular** **4/6/7/8** components for customer experience.
* Involved in creating the interfaces to manage columns , state, and update of Attributes using **Angular** 7components**.**
* Composed **SQL** questions, **Triggers**, **Functions** for **Oracle database** and built up some complex SQL inquiries.
* Used **Spring Boot** to provide support for data Access and provide a range of **Security** features like support for **OAuth2** to secure the API .
* Stored procedures using **PL**/**SQL** to calculate and update tables for implementing business logic using the **Oracle** **DB.**
* **Java Messaging Services** (**JMS**) were configured on **WebLogic** Server using Eclipse IDE and sent and recieved messages from **Apache MQ**.
* Deployed the application on **Azure** and used **Azure Identity** and **Access Management** (IAM) for managing access to Azure resources and Virtual Machines (VMs) for running and managing virtual machines.
* Deployed **J2EE** Web and **EJB** modules using **WebLogic** Command Line Deploy tool .
* Integrated the **Prometheus** with the Spring Boot Micro meter and able to create **Grafana** dashboard for the charts.
* Created unit tests using **Mockito** to test services, controllers and repositories and tested development models using **JUnit** testing framework.
* Involved on migrating SQL Server databases to SQL **Azure** **Database** using SQL **Azure** **Migration** Wizard and deployed the application to **Azure Cloud .**

**Environment** : SDLC,Agile,Scrum, Spring Boot, Node.js, Java 1.8, Functional Interfaces, Lambda Expressions, Stream API, Collections, Angular 4/6/7/8, SQL, Triggers, Functions, Oracle database, Hibernate, OAuth2, PL/SQL,Java Messaging Services(JMS), WebLogic, Apache MQ, Azure, Azure Identity, Access Management, J2EE, EJB, Prometheus, Grafana, Mockito, JUnit, Migration, Azure Cloud**.**

**SNYCON ,Bangalore, India April 2017- December 2018**

**Role: Software Engineer**

**Project Description**:Snycon is a global diversified outsourced IT services and solutions company, assisting clients to achieve their business objectives by successfully outsourcing their non-core business processes and delivering enterprise solutions.

I worked on the Record Management System Application to build API’s,run the database and deploying the modules.

**Responsibilities:**

* Developed Project Specific Java API's for the new requirements with the Effective usage of **Data Structures**, **Algorithms**,**Core Java** and **OOPs** concepts .
* Utilized **JavaScript**, **HTML 5**, **DOM**, **XHTML**, **AJAX**, **CSS 3**,**Bootstrap**, **jQuery** to create an engaging GUI.
* Used **Spring MVC** to implement Design Patterns like **Singleton** and **Factory patterns**.
* Implemented MVC architecture using **JSP**, **Spring**, **Hibernate** and used **Spring Framework** to initialize managed beans and services.
* Worked on test cases for unit-level testing using **JUnit.**
* Worked on **PostgreSQL**, PL/SQL procedures and packages, and automated procedures using DBMS scheduler.
* Used **RabbitMQ** as a message queue.
* Used Eclipse with **Tomcat** application server for development and application deployment.

**Environment** : Data Structures, Algorithms,Core Java, OOPs, JavaScript, HTML 5, DOM, XHTML, AJAX, CSS 3,Bootstrap, jQuery, Spring MVC, Singleton, Factory Patterns, JSP, Spring, Hibernate, Spring Framework, JUnit, PostgreSQL, JMS, RabbitMQ, Tomcat**.**

**Invilogic Software Private limited ,Hyderabad, India May 2015- April 2017**

**Role:UI Developer**

**Project Description:** Invilogic is an assemblage of design engineers, programmers and disruptive thinkers who apply their capabilities in Design Automation, Engineering Analysis, Application Design and Product Development. Worked as a UI Developer and created few User Interface modules and storing data.

**Responsibilities:**

* Implemented and maintained application with **Waterfall** Methodologies.
* Created User Interface Screens using **HTML**, **CSS**, **JavaScript**,**Spring MVC** ,**JSP** .
* Used **Maven** as a build script and **SVN** as a source repository to manage my project.
* Used **Maria DB** as the database for record maintenance.
* Performed **CRUD** operations like Update, Insert and Delete data in **Maria DB**.
* Worked on Configuration and deployment of application on to **JBoss** Application Server.
* Used **Jira** for task tracking.

**Environment** : WaterFall Model,HTML,CSS, JavaScript,Spring MVC, JSP, Maven,SVN,Maria DB,CRUD, JBoss,Jira.