**SUMANTH AKUULA**

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**JAVA/J2EE DEVELOPER • FULL STACKDEVELOPER**

**OBJECTIVE:**

**Over 8+ years of experience and backed with rich domain knowledge and practical knowledge of several IT technologies, I seek a career with challenging assignments to amalgamate personal enrichment with professional goals.**

**PROFESSIONAL SUMMARY:**

* Experience working with various SDLC methodologies based on**Agile**/**SCRUM**like**Test Driven Development(TTD), Incremental** and **Iteration methodology, Pair Programming, Agile Development.**
* **Developed modules using Angular,Node,ExtJS,React, Bootstrap,JavaScript, Ajax, jQuery, CSS3 and HTML5**
* **Experienced in Full stack UI technologies using Grunt, Gulp Server, Yeoman generator for Angular.**
* **Expertise in using inbuilt and custom AngularJSdirectives and filters to add functionalities to the web page.**
* Experience in **Angular 1.5/2.0**along with Bootstrap, CSS3to create reusable components for RWDapplications.
* Experienced in Server-side validations using **Ajax** in **NodeJSand** Client-side validations using **Angular JS**
* **Strong experience in developing applications using Core Java concepts like OOPS, Multithreading, Collections Frameworks, Exception Handling, Data structures and JDBC.**
* **Experienced with XML related technologies such DTD/Schema, XML, XSLT (DOM, SAX), and XPATH.**
* **Developed core modules in large cross-platform applications using JAVA, J2EE, Spring 3/4/Boot, Hibernate, JSP, Servlets, EJB, JDBC, Web Services (SOAP, REST), Micro Services.**
* **Strong experience in Spring Framework modules such as Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Dashboard, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Netflix**
* **Experienced in implementing Service Oriented Architecture and Web Services using SOAP, REST.**
* **Expertise with employment of Spring Kafka and Zookeeper apart from JMS as messaging service.**
* **Good Working Experience in Apache Frameworks like Apache CXF, Apache Camel and Apache Velocit**
* Developed **Microservices** using **Spring Boot** and deploying **Microservices** into **AWS cloud** using **Jenkins**.
* **Experienced in Middleware persistence frameworks like Hibernate/JPA Entities for mapping Java classes using Hibernate Query Language (HQL), HSQL Named Queries, Criteriaand Projections.**
* Experience in implementing Java EE design patterns such as **MVC, Singleton, Factory, Adapter, Service Locator**

**Session Facade, DAO, DTO, and Business Delegate** in the development of N-Tier distributed Enterprise Applications.

* **Experience in creating Docker images, Containers, push/pull and integrating with Spring Boot.**
* **Experience in database modeling, design and development of PL/SQL stored procedures, packages in relational databases: Oracle 9i / 10g / 11g, PostgreSQL and MySQL.**
* **Experience in working with NoSQL** databases like **MongoDB**, **Cassandra**.
* Hands on experience in **Amazon Web Services** provisioning and good knowledge of **AWS** services like **EC2, S3, Elastic Beanstalk, ELB (Load Balancers), RDS,** Route53, Cloud Watch, Cloud Formation, IAM, SNS.
* Used Jenkins as a primary tool for implementing the **CICD** during code releases, worked with **CICD** pipe line to build and deploy transcoding application on **AWS.**
* Expertise with employment of **Apache Kafka** and **Zookeeper** apart from **JMS** as messaging service.
* **Hands on experience with build tools like Ant, Maven, Gradle and Logging tools like Log4J.**
* Monitoring and logging tools such as **ELK Stack** (Elastic search, Log stash, and Kibana).
* **Experience with CICD, Maven, Gradle, Jenkins, CVS, Git, GitHub.**
* **Experienced in using IDE's such as Eclipse, STS, Rational Application Developer (RAD), NetBeans, and IntelliJ.**
* **Experience in testing with JUnit Framework using Mockito and Easy Mock, Spring Junit Runner, JMeter.**
* **Experience in working with web servers Tomcat 8, WebSphere 8.x/9.x, Jetty, JBoss7.1.0 and WebLogic 10.0.**

**TECHNICAL SKILLS:**

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| **Programming Languages** | **Java 8.0/7.0/6.0/5.0, PL/SQL** |
| **Java/J2EE Technologies** | **Servlets, EJB, JPA, JDBC, JSP, JSTL, JNDI.** |
| **Frameworks** | **Spring 4.3, Hibernate 2.0/3.0/4.x, Spring Security 3.2** |
| **Application/Web servers** | **Apache Tomcat 8, IBM WebSphere 8.x/9.x,Jenkins, WebSphere** |
| **Relational Databases** | **Oracle 10g/11g, MySQL 5.7, DB2 11.1** |
| **NoSQL Databases** | **MongoDB, Cassandra** |
| **Internet Technologies** | **HTML 5, JavaScript 1.8, XML 2.0, CSS 3 and CSS 4, jQuery 2.11, AngularJS 1.0/1.5/2.0, Node JS 6.0.** |
| **Cloud Environments** | **AWS, PCF, Netflix Eureka, Kubernetes.** |
| **IDE** | **Eclipse, NetBeans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.8.3** |
| **Operating system** | **Windows 10, Linux, Unix** |
| **Testing &Bug tracking Tools** | **JUNIT4.12, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36** |
| **Methodologies** | **Agile, waterfall, TDD (Test-Driven-Development), Scrum** |
| **Developer IDE Platforms** | **Eclipse, Net Beans 8.0.2, IntelliJ 2017.1, STS 3.8.3, GITHUB 2.12.0** |
| **Build Tools** | **Maven 3.3.9, Gradle 3.4.1** |
| **Web Services** | **SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS, Apache Axis** |

**TECHNICAL EXPERIENCE:**

**Client:T-Mobile, Bothell. WA Oct 2017– Present**  
**Role:Java Full Stack Developer   
Description**: T-Mobile is a leading Telecom Domain company based in USA. T-Mobile Equipment Instalment Program (EIP) team works with clients to help their customer’s finance their Mobile devices from various available instalment plans introduce new plans and calculate down payment and monthly Instalment using Credit Information of an end user. Also, helps them Return or Exchange their Mobile. Device and upgrade to a new mobile device using jump Upgrade Option.

**Responsibilities:**

* Involved in the analysis, design and development phases of the **Software Development Life Cycle** (SDLC) using **Agile (SCRUM**) development methodology to deliver regular updates to business team and project managers.
* **Developed UI pages using HTML5, AngularJS 4.0, Bootstrap, CSS3, JavaScript, jQuery, AJAX and NodeJS.**
* Build the reusable service components with **AngularJS, Bootstrap,** and **JSX** that are used across various modules.
* Worked on some of the new features of **AngularJS 4.0** like new if else syntax, ng-templates, form validators.
* Used **NodeJS** for doing non-blocking design operation for server-side code.
* Built REST by building **NodeJS** in the back-end to handle requests sent from the jQuery Ajax calls.
* Deployed **Micro service** architecture using **Pivotal Cloud Foundry (PCF)**.
* Implemented **jQuery** to develop the widgets and to perform the client-side validations, UI centric **Ajax behavior**.
* Used **Executor Service multithreading** to implement **Thread pool, parallel processing** to run processes asynchronously using future calls to access the data.
* Developed applications using Rule Engines, **Drools**.
* Developed using new features of **Java 1.8 annotations**, **Generics**, enhanced for loop and Enums.
* Used advanced **Java 8** features like **Lambda expressions** for array operations, **Streams, Method reference, collections**. Enhanced concurrency methods etc. throughout the application for well-defined programming.
* **Implemented design patterns like MVC, Singleton, Business Delegate, Factory, and Service Locator.**
* Developed RESTfull web services using **Spring MVC REST framework** and **JAX-RS**.
* Used **Spring MVC Rest Controllers**, Services along with Dependency Injection, **Spring JMS** and**Spring Security**.
* Used **Spring Framework AOP Module** to implement **logging** in the application to know the application status.
* Used Annotations for **Spring DI**, **Auto wiring** and Spring MVC for REST API s and **Spring Boot**for **Microservices**.
* Implementing or exposing the **Micro service** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Experienced in logging with **ELK Stack** by using **Elasticsearch, Log stash,** and **Kibana**.
* **Using Swagger UI registered micro services, monitored service health check from Spring Boot admin console.**
* **Used OAuth 2.0** authentication protocol respectively for **security** and **authorization**.
* **Experienced circuit breaker patterns and fail safe in Spring Boot Micro Service applications using Hystrix and monitored the services using Hystrix Dashboard.**
* Experience in performance tuning with **Oracle database**.
* Designed and developed file upload and file download features with **Oracle BLOB and CLOB.**
* **Experienced HQL, Named Parameters, Named Queries and Interfaces such as Expression, Query and Criteria for implementation of Hibernate template and extensively used Hibernate Cache.**
* Wrote SQL **queries, stored procedures, triggers, views, and** enhanced performance with explain plans.
* **Developed DAO layer using Cassandra and** expertise in **CQL (CassandraQuery Language)**, for retrieving the data present in Cassandra cluster by running queries in **CQL**.
* Involved in converting SQL queries into Apache Spark transformations using Apache Spark RDDs and Scala.
* Published and consumed stream of records using Producer and Consumer APIs with Spring for Apache Kafka.
* Deployed Spring Boot based micro services into **Docker container** using **Amazon EC2** container services.
* Developed API for using **AWS Lambda** to manage the servers and run the code in the **AWS.**
* Used **AWS Cloud watch** inalerting, maintaining and monitoring of production and corporate servers/storage.
* **Experience with building Docker Images and running them on Docker container.**
* Designed and configured management reports and dashboards using **Kibana**.
* Worked on Test automation framework using **Selenium** web driver.
* Familiar with **Cucumber, Selenium Web Driver, Selenium** commands and **X-path** and developed **grunt** tasks to run the unit tests on **Jenkins** and Used **JIRA** to assign, track, report and audit the issues in the application.
* **Worked with several testing frameworks such as Junit and Mockito**
* **Used Eclipse based Spring Tool Suite (STS) for development and debugging Spring Boot applications.**
* Configured and administered **Jenkins for CI/CD** into **Tomcat** Application Server.

**Environment: J2EE, Java 1.8, Spring MVC, XML, AJAX, AngularJS 4.0, NodeJS, AWS, JavaScript, Hibernate, Bootstrap, JIRA,Spring Boot, Web services, Micro services,Pivotal Cloud Foundry,AWS,ELK stack, Maven, HTML5, CSS3, jQuery, Docker, Tomcat, Git, Jenkins, Selenium, Cucumber, STS.**

**Client**: **ACT - Des Moines, IA Dec2016 – Sep2017  
Role**: **Senior J2EE Developer**  
**Description**: The ACT originally an abbreviation of American College Testing college readiness assessment is a standardized test for high school achievement and college admissions in the United States. ACT assessment measures high school student's general educational development and their capability to complete college-level work with the multiple choice tests covering four skill areas: English, mathematics, reading, and science. The optional Writing Test measures skill in planning and writing a short essay. Specifically, ACT states that its scores provide an indicator of ", college readiness, ", and that scores in each of the subtests correspond to skills in entry-level college courses in English, algebra, social science, humanities, and biology.

**Responsibilities:**

* Implemented **Agilemethodologies**, actively involved in technical meetings, requirement gathering, analysis, planning, effort estimation, coding, development and testing.
* Developed User Interface application modules using **HTML5**, **CSS3** and **JavaScript, React JS, JSON, jQuery** and **AJAX**.
* **Wrote client-Side code using ReactJS and used NPM and gulp directories to generate the server environments used flux with redux framework to manage targeted URL’s and to monitor the application.**
* **Used ReactJS to implement rich functions in various pages: form validation, crud, grid list, search, sort, pagination,multi-selection, tags-input, advanced/custom directives, authentication, unit tests, etc.**
* Extensively used **jQuery, NodeJS** in implementing various GUI components in application portal.
* **Worked with controller, service and view components in applications using Spring 3.5 framework.**
* **Used Micro Services with SpringBoot services and combination of REST, Apache Kafka message brokers.**
* Extensively used various modules in **Spring like AOP, DI (Ioc), Bean Wiring, Spring Inheritance, Auto Wiring, Spring JDBC Templates and Spring Quartz Schedulers for Jobs.**
* **Service Oriented Architecture(SOA) was exposed through RESTful web services with loose coupling between layers using Springframework during development.**
* **Designed and developed Microservices using REST framework and Spring Boot.**
* **Enterprise level web applications were supported by building Spring based Java and Scala micro services.**
* **Understanding of tools in Hadoop including Kafka and Spark using Scala.**
* **Consumed messages from JMS-Message driven beans** and **Active MQ.** Integrated **Active MQ** with **Beans.**
* Experience in Creating, Dropping Indexes, Tables, Stored Procs and Views on **Oracle DB**.
* **Cloud environment for micro services was provided using Spring cloud Netflix(Eureka server, Hystrix, Ribbon).**
* Expertise with employment of **Spring Kafka** and **Zookeeper** apart from **JMS** as messagingservice.
* Knowledge of using cloud technologies including **AWS** and **Pivotal Cloud Foundry (PCF).**
* Participated in understanding of **ExtJS** technologies and development tasks.
* Deployed the Application into **Docker** container and made easily accessible at runtime using **Cloud Foundry** and other cloud services like **AWS, Netflix Eureka, Spring Hystrix** as fallback method.
* Used **SpringRibbon** for load balancing and broker service to maintain status using **Spring Kafka** and **Zookeeper.**
* Developed **CI/CD** system with Jenkins on **Kubernetes** container environment utilizing **Kubernetes**.
* Reading the log files using **Elastic Search**,**Logstash**and alerting users on the issue and saving the alert details.
* Used micro-framework to implement with REST API and **Mongo DB** (NO SQL) as back end database.
* Created JSON Data and stored as documents comprising documents, data types and conversions in **MongoDB.**
* Configured **AWSEC2** instances, **S3Buckets** and Cloud Formation Services based on the business requirements.
* Utilized **AWS Lambda** to upload data into **AWS S3** buckets and to trigger **Lambda** Functions Including **EC2.**
* Expertise on **SoapUI**, **Selenium** Data Driven framework and integrating it with**Maven**[Build Management Tool], **TestNG** [Unit Testing tool] and **Jenkins** [Continuous Integration Tool].
* Worked with **JAXB** parser for marshalling and Unmarshalling XML data.
* Used **IntelliJ** to develop and debug the application.
* Used **Maven** as build and dependency management tool for creating **EAR, WAR and JAR** file to be deployed in application servers and integrated with **SVN, Jenkins, Jenkins Jobs.**

**Environment*:* XML, XSL, Node, Bootstrap, HTML5, JavaScript, CSS3**, **Ajax, React, Java 1.8, Spring 3.5,Git, Aws, WebSphere7**.**5, Swing, Web Services, Pivotal Cloud Foundry , Spark** ,**JMS, Selenium, SoapUI, MongoDB, TestNG, JSON, Maven, Elastic Search, Spring Cloud Netflix**,**Kubernetes,Eureka Server, ANT, Ribbon, ZuulProxy**,**IntelliJ,Agile.**

**Client: Astoria Financial Corp - Lake Success, NY May 2016 – Nov2016  
Role**: **Sr.Java/J2EE and Full Stack Developer.**  
**Description**: Astoria Financial Corporation is the unitary savings and loan holding company of Astoria Bank and its subsidiaries. The Company's principal business includes the operation of its wholly owned subsidiary, Astoria Bank. Astoria Bank's business is attracting retail deposits from the general public and businesses and investing those deposits, together with funds generated from operations, principal repayments on loans and securities and borrowings, in multi-family and commercial real securities.

**Responsibilities:**

* Implemented the Graphic User Interface by coding in **HTML**, **CSS3, Bootstrap, JavaScript, jQuery,** and **jQuery UI.**
* Designed Single page web applications object oriented JavaScript Framework like **Angular.JS** and **Ext.JS**.
* Created prototypes in **HTML, JavaScript** and **CSS** for different UI pages.
* Implemented and developed UI components using **AngularJS** features like DI, Models, data binding and controllers. Develop various screens using **AngularJS** and used various predefined components from **NPM**.
* The application is designed using **J2EE design patterns** S**ession façade, Singleton, Factory**, **DAO** and technologies based on **MVC** architecture.
* Worked on Microservice architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka, Zookeeper to establish communication between the Microservices in the application environment
* **Used Spring DAO module for performing CRUD operations on database and implemented logging in the application using Spring Framework AOP module to know the application status.**
* Used **Spring MVC** Model View Controller to handle/intercept the user requests and used various controllers.
* Implemented (**SOA**) to retrieve data from client side and made **REST API** calls and parsed the data to client and handled the security and Authorization using **Spring Security**.
* Build, Test and developed application from **Docker** containers and deployed into **PCF** environment.
* Experience in Micro services development using spring boot and deployment in Pivotal Cloud Foundry (PCF).
* Used **JERSEY** framework to implement the **JAX-RS (Java API for XML and RESTful Service**).
* **Developed REST web services using SpringMVC to extract client related data from database and used SOAPUI**
* Developed **Microservices** with **Spring Eureka** to retrieve API routes and Implemented **Spring Circuit breaker** pattern, integrated **Hystrix** dashboard to monitor Spring microservice.
* **Experienced with setting up the basic project setup from scratch using Spring-Hibernate based design.**
* Involved in writing **Thread** Safe blocks for **multithreading** access to make valid transactions.
* Developed application using **Agile** methodology and deployed the application onto **WebLogic** application server.
* Used **Cassandra** for achieving **denormalization**through features like collections.
* Experienced with **JAXB** binding to convert Java object to **XML** and vice-versa.
* Configured and deployed the application in**JBoss** Application Server.
* Involved in Code Review, Unit Testing and Integration Testing, **Selenium Web Driver**.

**Environment**: **HTML, JSF, jQuery, JavaScript,Bootstrap,AngularJS, NPM, Spring 3.x, Spring MVC, Spring Security, SVN, REST, JAX-RS, Jersey, SoapUI, Selenium Web Driver, Web services,JBoss, Agile.**

**Client:US CELLULAR - Chicago, IL Nov2015– Apr 2016**  
**Position:Sr.Java/J2EE/UI Developer**  
**Description:**Involved in customizing and implementing various Amdocs modules like CSM, A/R, G/L. Integrated customer-facing applications to deliver a single unified view of the customer and a single solution for Service and Support, Sales, Ordering and Provisioning. This solution ensured seamless interaction among call centers, Web sites and sales and service teams.

**Responsibilities:**

* Extensive experience in designing professional UI web applications using front-end technologies and Java Script Frameworks **like HTML, CSS, JavaScript, XML, jQuery, AJAX, JSON, Bootstrap.**
* Involved in writing application level code to interact with **RESTful** Web **APIs**, using **AJAX**, **JSON**, **XML**and**jQuery**.
* Worked on **AJAX** functionality for dynamic data binding for data grid, accordion, Ajax driven menu tabs using back end service calls and consumed both **JSON** and **XML** data in UI Side.
* Used Core Java features such **Collections**, **and Exception handling** to efficiently process transactions.
* Used Spring Framework **AOP Module** to implement logging in the application to know the application status.
* Developed the whole application using **Spring MVCFramework IOC** (Inversion of Control) design pattern to separate the application configuration and dependency specification from the actual application code.
* Used distributed Transactions Management system with **Spring JTA**.
* Used **Spring Batch** as spring batch jobs can meet the requirements of reliability, robustness and traceability whichare essential for automatic processing of enormous amounts of data.
* Used **Hibernate** as **ORM** tool and developed hibernate configuration files for establishing database connection
* Used **hibernate core** interfaces like configuration, session factory and criteria interfaces.
* Involved in designing and developing the End points (controllers), Business Layer, DAO layer using **Hibernate**.
* Implemented complex back-end component to get the count in no time against large size **MySQL** database
* MQ was used to provide a single unifying transport that reduces cost and maintenance efforts, including support for **HTTP, REST**was used for publishing Web Service interfaces.
* Developing **RESTful web services** using **JAX-RS** API and to exchange data using REST Template in **JSON, XML, and Text.**
* Followed **Test Driven Development** and wrote server-side test cases using **JUnit 4.12.**
* Hands on **Eclipse** as the integration environment for developing, debugging, and maintaining project code files.
* Experienced with WebSphere server to deploy the application.

**Environment: HTML, CSS2, JavaScript, JQuery, AJAX, JSON, DHTML, JAXB, XSLT, XML, Spring MVC, Spring-CORE, Spring Batch, Spring Security, Spring AOP, Spring JTA,RESTService,Hibernate, MySQL, JMS, WSDL, Junit, Apache CXF, Eclipse.**

**Client: Ascent It Solutions Pvt Ltd- Pune, Maharashtra Oct 2012– Oct2015**  
**Role:Sr. Java/J2EE Developer  
Description:**Macy's is a leading American retailer with one of the 100 largest corporate workforces in the world, Macy's, Inc., offers a wide variety of exciting opportunities to build career, Develop and sharpen technical and specialized knowledge. With a heritage of success and bright horizons for tomorrow, Macy's offers a solid combination of opportunity and support that can work for you when you work here.

**Responsibilities:**

* Used **AGILE**methodology and participated in **SCRUM** meetings.
* Designed and developed front-end using struts framework. Used **HTML, CSS and Bootstrap**.
* Developed the **JQuery** callback functions to implement asynchronous communication using **AJAX**.
* Used **Multithreading**, **Collections** and other **J2EE** technologies to design and develop the code.
* Wrote queries in **Oracle** Spatial in developing GIS based application.
* Used **JDBC** to invoke **SQL** stored procedures for applications that need to execute as a part of a scheduling
* Deployed the application on **WebSphere** application server in development and production environment.
* Conducted weekly code walk through using **UNIX Shell Scripts.**
* Developed **SOAP** based **Web Services** for Integrating with the Enterprise Information System Tier.
* Used **JIRA** for bug tracking, project level issue tracking and environmental issue tracking.
* Wrote **Junit** test classes for the services and prepared documentation for the application.

**Environment: HTML, CSS3, JavaScript, JQuery, JSTL, EL, JSON, XHTML, JAXB, XSLT, DOM, XML, EJB, Web Services, Java, JSP, JDBC,EJB, J2EE, SOAP, Eclipse, Oracle, Junit, JIRA, WebSphere.**

**Client**: **ModelN India Pvt Ltd., Hyderabad Oct 2010–Sep2012**  
**Position: Java Developer**  
**Description:**Revenue Management is the application of disciplined analytics that predict consumer behavior atthe micro-market level and optimize product availability and price to maximize revenue growth. The primary aim of Revenue Management is selling the right product to the right customer at theright time for the right price and with the right pack.

**Responsibilities:**

* Developed the presentation tier using **HTML, CSS, JSP, Servlets, JSTL, Ajax and Struts**.
* Used **Struts-Validator** frame-work for all front-end Validations for all the form entries.
* Used Struts framework for the MVC implementation and **Hibernate** as **ORM** tool for database communication.
* Worked extensively with **JSP’s and Servlets** to accommodate all presentation customizations on the front end.
* Used different Design patterns like **MVC pattern**, **DAO pattern**, and **singleton** to achieve clean separation of layers.
* Designed and developed the code using **multithreading**, **Collections** and other **J2EE** technologies.
* Developed DAOs using **Hibernate persistence API** for the database operations to interact with **Oracle database**.
* Written and executed various **SQLQueries& PL\SQL** programs to retrieve the data from the database Oracle.
* Used **Log4j, Junit** and **developed unit test cases** to monitor the application functionality.
* Used **Tomcat** as a server to deploy the application.

**Environments: Struts, Core-JAVA, JSP, Servlets, Hibernate, ORM, oracle, Multi- Threading, Collections, PL/SQL,**

**OO Design, OO Analysis, XML, XSLT, IBM WebSphere, Log4J, Junit,ANT,Eclipse.**