**Name: Gowtham G**

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**Visa: H1B**

**Location: Dallas, Texas**

**Full-Stack Java Developer**

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## SUMMARY:

* With around 10 **years** of IT experience in analysis, design, development, and deployment of various Client/Server Applications, Web Based Applications using **Java, J2EE Technologies, Object-oriented programming Concepts, Database administration, and various domains**.
* Designed, Developed, and Tested Implementation & Post Production support using development methodologies like **Waterfall, Agile/Scrum, TDD, and SDLC**.
* In-depth knowledge of core Java concepts such as **OOPS, Collections, Threading, Generics, Exception handling, Thread pools, Execution services, File IO** and **Serialization**.
* Strong understanding of common **API** technologies, such as OAuth, SAML Spring Boot, and Microservices.
* Good experience with SOA architecture and web services **(SOAP, WSDL, UDDI)** using **Apache Axis2 and RESTful**web services in java with **JAX-RS** reference implementation **Jersey**.
* Strong hands experience developing applications using **Spring Framework, Spring Core, Spring IOC, Spring MVC, Spring ORM, Spring DAO, Inversion of control,**and **Dependency Injection.**
* Developed many applications using Typesafe technologies like **Scala, Akka model, and Play framework**.
* Experienced in **UI** frameworks such as **jQuery, Google Web Toolkit (GWT), JavaScript, Node.js, Angular.js, Angular 2, Angular 4, ReactJs, VueJS, Angular 10, Tag Libraries,**and **Custom Tags**.
* Expertise in designing and developing Web-centric applications using **XML, XSD, JSON, Ajax, jQuery, JavaScript, CSS3, HTML5 and Bootstrap.**
* Implemented various **Ajax** Frameworks such as **DOJO, and JSON** while designing various integration components using **JMS** and **MQ** Series.
* Focused on **Amazon Web Services (AWS)** services like **EC2, Elastic Beanstalk, Cloud Watch, DynamoDB ,Cloud Front, Cloud Formation, IAM, S3, RDS, ElastiCache, and SNS, SQS, AMI**.
* Deployed applications intocontainers using cloud services like **AWS, Netflix Eureka, Spring Hystrix** as the fallback method, **Spring Ribbon** for load balancing, and a broker service to maintain status using **Spring Kafka** and **Zookeeper**.
* Used Spring Boot Actuator to monitor and manage the application in a production environment.
* Experience in **Microservices**, **Pivotal Cloud Foundry,** and Engagement using **Spring Boot**.
* Experience in database modeling, design, and development of **PL/SQL** stored procedures,and packages in relational databases: **Oracle 9i / 10g / 11g, SQL Server 2005/2008, DB2, and MySQL.**
* Experience in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using **Hibernate Query Language (HQL), HSQL Named Queries, Criteria, Projections**.
* Created a mock UI webapp in Angular 8 to demonstrate microservices and designed and developed the authenticating portal using framework Angular 8 along with HTML5, AWS ,CSS3 and TypeScript.
* Developed cross-platform server-side applications using **Node.js & React.js** to achieve scalability in real-time.
* Strong experience with development and migrations from **SQL** relational databases to **NoSQL**databases like **MongoDB, Cassandra,** and **CouchDB**.
* Good exposure with using **IDE** tools **NetBeans, Eclipse, IntelliJ**, configuring and deploying the applications on Apache **Tomcat, IBM WebSphere, Oracle WebLogic, DynamoDB and Red Hat JBoss Servers**.
* Experience in testing with **JUnit** Framework using **Mockito** and **EasyMock& Spring Junit Runner**.
* Experience in Integration tools like **Oracle SOA Suite, web methods,**and **Apache CAMEL**.
* Developed **CI/CD** system with **Jenkins** on **Kubernetes** container environment utilizing **Kubernetes**.
* Responsible for working a queue of **JIRA** tickets to address system issues, user requests, etc.
* Experience with building tools like **Ant, Maven, Gradle,**and logging tools like **Log4J SLF4J**and**Splunk**.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular JS. Also developed internal services using Java and Node.js.
* Worked with persistence mechanisms and **APIs** like **JPA, JDO (Java Data Objects), EJB, and iBatis**.
* Involved in writing **XML** documents and building scripts using **Linux/Unix**.
* Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Excellent communication, interpersonal and analytical skills, and a highly motivated team player with the ability

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | Java/J2EE, SQL, PL/SQL, HTML, DHTML, JavaScript, Perl, UML, XML, XSL, XSLT, jQuery |
| **Java Frameworks** | Servlets (3.x), JDBC (4.x), JSTL Java Server Pages (JSP 2.x), JSF, JMS,JPA,Java 1.8, Spring Boot, **Microservices** |
| **Web Technologies** | JAVASCRIPT, SOAP and Restful |
| **Frameworks** | Struts (2.x.x), Spring (3.x/4.x), Hibernate (3.x/ 4.x), Apache Camel (2.x), Swing, Apache CXF, Apache Karaf. |
| **Servers** | Tomcat (8.x/ 9.x), Web Logic (9.x), Web Sphere (6.x), Red Hat JBoss Fuse, Glassfish Server (4.x). |
| **Databases** | Oracle 10g/11g/12c, MSSQL, MySQL (5/6), IBM DB2,  **DynamoDB ,**MongoDB (3.x), Cassandra (3.x). |
| **IDE** | Eclipse Luna(M6), Mars(M7), Neon(RC3), IntelliJ IDEA(15.x), Net Beans(8.x), RAD(7.x) |
| **Platforms** | Windows (7/ 8/10), Windows Server 2008/12, Ubuntu (15.04), Red Hat Enterprise Linux. |

## EDUCATIONAL DETAILS:

## Bachelors in Computer Science (SVU), 2013 Masters in CIS(Texas A and M U),2018

## PROFESSIONAL EXPERIENCE:

**Barclays,PLANO,TX Dec 2021 - Present**

**Role: Full-Stack Java Developer**

**Responsibilities:**

* Involved in the complete **Software Development Life Cycle (SDLC)** such as Design, Analysis, Development, and Testing of the System Use Cases based on the functional requirements.
* Involved in Daily **Scrum (Agile)** meetings, Sprint Planning, and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Developed several reusable directives using **Angular 4,** Angular**10** and moved existing AngularJS controllers and services to **Angular 8**components for more responsiveness and less dependency.
* Used most of the new features of **Java 8** like **lambda expressions** for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
* Implemented **J2EE design patterns** like **Model View Controller (MVC), Singleton, Factory, Data Access Object (DAO), Data Transfer Object (DTO),**and **Service Locator**.
* Integrated Java and Angular based application to Elastic Search tier via Spring 4 Restful Controllers communicating to a custom java utility wrapping the **Jest API.**
* Implemented fail-safe and circuit breaker patterns in **Spring Boot Microservices** applications using **Hystrix, configured Swagger-UI** to register**Microservices** with **Eureka server,** and monitoring service health check from **Spring Boot** admin console and **Spring Ribbon** for load balancing.
* Implementing and exposing the **Microservices** architecture with **Spring Boot based** services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Working on **Microservices**with **Spring cloud** using **Netflix Eureka, REST,** and**Netflix Feign Client**.
* Involved in speeding up Existing Applications with Cache services using **Redis Cache**.
* Designed and developed the Database tables and Stored Procedures, functions, and triggers using **SQL, PL/SQL**.
* Worked on **Splunk DB** Connect APP to load the data into **Splunk** from the **Oracle Database**.
* Implemented **Spring ORM** with **Hibernate** using features like Annotation metadata, Auto Wiring, and Collections to implement **DAO** layer with **Hibernate Session Factory, HQL,**and **SQL**.
* Monitored**Pivotal Cloud Foundry** infrastructure including network systems logs daily to ensure the entire system was operating at an optimum level, identify technology gaps/risks early and establish mitigation plans.
* Focused on Amazon Web Services (AWS) services like EC2, Elastic Beanstalk, **Cloud Watch, DynamoDB ,Cloud Front, Cloud Formation, IAM, S3, RDS, ElastiCache, and SNS, SQS, AMI.**
* Designed and deployed a multitude of applications utilizing almost all the **Amazon Web Services (AWS**), like **EC2, Elastic Beanstalk, Elastic Search, Cloud Watch, CloudFront, Cloud Formation, IAM, S3, RDS, ElastiCache, SNS, SQS, AMI andDynamoDB for** high-availability and fault tolerance.
* Worked on real-time streaming using **AWS Kinesis and Event-Driven Design** using **AWSLambda**,while Auditing and Logging using **AWS CloudWatch** and **AWS CloudTrail**.
* Created various Parser programs to extract data from **Autosys, XML, Java,** and **Database** views using **Scala**.
* Worked with **Ansible** to manage Web applications, configuration Files, Users, Mount Points, and Packages.
* Troubleshooting issues that may occur during the test cycle (Functional & load test) for the **J2EE** applications on **Spring framework** running on **JBOSS** servers.
* Worked with several testing frameworks such as **JUnit, Easy Mock, Mockito,**and**Power Mock**.
* Designed a Multi-Tier distributed Enterprise application using **Golang**and object-oriented programming.
* Created Test automation framework using **Cucumber and Selenium web driver**.
* Experience in using **JavaScript** and **Typescript** with libraries such as **Angular 8, React JS, Graph QL, Bootstrap**.

**Environment:** Java 8, J2EE, Spring, Web services, Microservices, Swagger, Spring Zulu, Restful, Kafka, Redis Cache, JUnit, Spring Cloud, Netflix Eureka, Netflix Feign Client, AWS, Cassandra, JavaScript/ES6, Bootstrap, Angular 8,Angular 10,Maven, AJAX, XML, XSLT, Typescript, Java Beans,DynamoDB, Design Patterns, Log4j, Agile, Golang, JBoss, Ansible,Cucumber.

**Client: AT&T, Fort Worth, TX Jan 2020 – Nov 2021**

**Role: Java Microservices and J2EE Developer**

**Responsibilities:**

* Worked in an **Agile methodology** environment with a Content Management system for workflow management and content versioning.
* **UML** diagrams like class diagrams, interaction diagrams (sequence and collaboration), use cases, and activity diagrams were used.
* Created the Application using **React.JS** and **Node.js** libraries **NPM, gulp** directories to generate the desired view, and flux to root the URLs properly.
* Used rich user interface with **CSS3** and **AJAX** calls along with pseudo-elements, transformations, and gradients.
* Implemented **Java EE** components using **Spring IOC**, **Spring Transactions,**and **Spring Security** modules.
* Used **Apache Mesos** and **Kubernetes** to deploy and manage **Microservices**.
* Defined and constructed layers, server-side objects, and client-side interfaces based on J2EE design patterns. **RESTful** web services using Jersey for **JAX-RS** implementation.
* Experience in developing the User Interface (UI) Applications and professional web applications using HTML5, CSS3, JavaScript, Angular JS, **Typescript,**jQuery, AJAX and REACT JS.
* Tested **REST** services using google chrome’s **POSTMAN**plugin.
* Consumed messages from **JMS** beans and **Active MQ**, integrated **Active MQ** services with **Beans**.
* Developed **Hibernate** classes to retrieve and save data using **Spring framework** manager classes.
* Developed views and templates with **Python** and **Django view** controller and templating language to createa user-friendly website interface.
* Setup and build AWS infrastructure various resources Kubernetes, Terraform, React, VPC, ELB, EC2, S3, IAM, EBS, Security Group, Auto Scaling and RDS in Terraform
* Used **Jenkins** as an **AWS** code deploy plug-in to deploy to **AWS**.
* Experience with **DevOps**methodologies, implementing **CI/CD** Pipelines using toolsets like **GIT, Angular10, Jenkins, Chef, Cloud Watch** and **AWS**.
* Deployed **Spring Boot Microservices**into**AWS EC2** container service using **AWS** admin console and used lambda to run applications in **AWS** console.
* Worked on Camel-based integration middle-ware solution for provisioning Services by design and the implementation of business logic and data processing routes using **Apache Camel**.
* Wrote**PL/SQL queries**, and stored procedures for applications to execute as part of a scheduling mechanism.
* Implemented**Hibernate** concepts such as **lazy loading, dirty bit checking, optimistic locking,**and **transactions**.
* Written a variety of filter queries in **MongoDB** to retrieve **JSON** data and passed it to the service layer.
* Wrote various types of Business rules in the**. drl (drools file), ece (expectation files**) Templates using **Drools** rule engine for injecting beans into the rules engine and invoking Rule Base Stateless Session.
* Updated legacy **ANT** build infrastructure to new **Gradle-based** build system, enabling more robust test, build and release procedures.
* Used **Git** for version control and **JIRA** for bug tracking, and project management.
* **Log4J** is used for logging purposes and debug levels are defined for controlling what we log.
* Expertise in**Selenium Data Driven framework** and integrating it with **Maven** (Build Management Tool), **TestNG** (Unit Testing tool), and **Jenkins** (Continuous Integration Tool).
* Involved in deploying and managing Session **Bean EJB** on the **JBoss** server and handled **WAR** files on the **Tomcat server**.
* Creating and updating documentation relating to many aspects of **Linux/Unix** systems administration workflow.
* Worked with **Splunk**to log and analyze defects status.

**Environment:** Java, J2EE, Spring, Web services, Microservices, Restful, POSTMAN, Apache Camel, Drools, Active MQ, JMS, JIRA, JUnit, Spring Cloud, AWS, Apache Camel,DynamoDB, MongoDB, JSON, HTML5, CSS3, Python, JavaScript, Bootstrap, jQuery, Angular, Maven, AJAX, Typescript, jQuery, ANT,Cloud Watch,Angular10, Gradle Java Beans, Design Patterns, Linux/Unix, JBOSS, Agile Methodology, DevOps,

**Client: Papa John’s Inc., Louisville, KY Sep 2017 - Dec 2019**

**Role: Full-Stack Java Developer**

* Experienced with Software Development Life Cycle **(SDLC**) with object-oriented business process and worked on developing **Service-oriented architecture (SOA**) applications in an **Agile** development environment.
* Worked on business components using core **Java** concepts and classes like **Inheritance,Polymorphism, Collections, Serialization,** and **Multithreading**.
* Developed various Web Services like **SOAP/HTTP, SOAP/JMS, Angular 10 and SMTP** using **SOA** technologies such as **SOAP, WSDL,** and **UDDI**.
* Designed the responsive front-end screens using Angular 2, HTML5, CSS3, JavaScript, **Typescript**, jQuery and Bootstrap.
* Developed presentation layer includes **UI** components, validations using **HTML5, applying styles** with **CSS** while using **jQuery**to make **Ajax calls**.
* Utilized AWS Lambda platform to upload data into AWS **S3** bucket and to trigger other Lambda functions.
* Developed a dashboard based on **Ajax** calls with Business Customers Count, Flags, and Real-time graphs for Analytical Reporting using **NodeJS**.
* Used **ReactJS** to create views to hook up models to the **DOM** and synchronize data with the server as a **SPA**.
* Used **Jackson** Custom Mappers for Custom manipulation for the date, and currency conversations on **JSON** Data.
* Developed **POJO** objects and used **Hibernate** as the **Object-Relational Mapping (ORM)** tool to access the persistent data from **SQL** Server.
* Build **PL/SQL** functions, stored procedures, and views and configured using **Oracle Database10g.**
* Deployed applications on **Web Logic** Application Server and performed required configuration changes.
* Used **JIRA** for bug tracking, project-level issue tracking, and environmental issue tracking.
* Prepared Unit test case using **JUnit**and used **Jenkins** for continuous integration testing.
* Used **Git Hub** extensively as a versioning tool and used **Maven** for automated building of projects.

**Environment:** Java, J2EE, SOA, JSON, ReactJS, NodeJS,DynamoDB**,** Angular10, AJAX, Spring, EJB, Hibernate, IntelliJ, Angular, Oracle 10g, PL/SQL, XML, Typescript, HTML5, CSS3,Cloud Watch, JavaScript, Bootstrap, SOAP, Maven, JUnit, JIRA, Jenkins, GIT.

**Client: DIVI Learning Solutions, Hyderabad, India Nov 2015 – Dec 2016**

**Role: Java Developer**

**Responsibilities:**

* Developed Business Components in **Java/J2EE** and Involved in various phases of SoftwareDevelopment Life Cycle (SDLC).
* Tested new **AP**I’s on daily bases and modified the code for optimizing performance as a improving the functionality of clients software.
* Experience in developing the applications using **AngularJS**, Bootstrap like Grids, Toolbars, Combobox and Buttons etc.
* Extremely worked in all the modules of the application which involved front-end presentation logic developed using Tiles with Spring **MVC**, JSTL and **JavaScript**, Business objects developed using POJOs and data access layer using **Hibernate**/JPA.
* Worked in an agile development process, monthly Sprint and daily Scrum.
* • Gathered requirements from Stake Holders, Users.
* Developed **Microservices** using Spring **MVC, Spring Boot,** and **Spring Cloud**.
* Written code on **Typescript** and ES6 to implement Angular 2 Components and worked on different changed procedures of AngularJS to Angular2.0.
* Used **Microservices**architecture, with **SpringBoot** based services interacting through a combination of REST and **SpringBoot**.
* Implemented Model View Controller (**MVC**) architecture Using Spring at the Web tier level to
* Isolate each layer of the application to avoid the complexity of integration and ease of maintenance along with Validation Framework.
* Implemented **Microservices** using **Spring Boot**, **Spring Cloud**, and Spring **Microservices**and enabled discovery using Netflix Eureka Server.
* Used **Microservice**architecture, with **Spring Boot**-based services interacting through a combination of REST and MQ and leveraging **AWS** to build, test and deploy micro services.
* Designed and developed several Servlets and DAO components.
* Used Spring IOC, Dependency Injection throughout the application.
* Used EJB for business tier, Used Stateless Session Beans for business logic and Message Driven
* Beans for asynchronous processing.
* Worked in creating servlets and JSP components.
* Involved in implementing the page flow using **Spring MVC**& AOP components for the application.
* Used Spring **JMS** to communicate the UI and computations modules.
* Deployed the entire application in **WebSphere** application server.
* Developed MAVEN scripts for compiling and deployment.
* Used Spring **MVC** to handle/intercept the user requests andused various controllers to delegate the request flow to the back-end tier of the application.
* Worked extensively on developing controllers, Interfaces and implementation classes using **SpringMVC** framework & used **Microservices** architecture with Spring Boot based service through REST.

**Environment**: Java/J2EE 1.6, MVC, JSP, Servlets, spring (DI, MVC, AOP), EJB, Restful Web services, log4j, jQuery, WebSphere application server, Junit,Java 1.8, Spring Boot, Microservices.

**Client: CSC, Hyderabad, India Sep 2014 –Oct 2015**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Used Servlets as Controllers for **MVC** architecture and Hibernate in business layer to access MySQL Database.
* Developed dynamic webpages using JavaScript and Implemented jQuery for creating behaviors of JavaScript.
* Provided client side validations using **AngularJS** framework.
* Coordinated the business development team to create sample API’s for demonstrating its functionalities to the clients.
* Developed business services with, JSON, XML and Restful Web Services technologies and Used CVS for version control and Clear Quest for bug tracking.
* Involved in activities like code review and performance improvement.
* Used Spring Framework with **Hibernate** to map to Oracle 10gdatabase and mapped using Hibernate Annotations.
* Ability to produce enterprise level, scalable, modular, and performant **AngularJS**applications.
* Migration of Web Sphere application server to Tomcat application and used Eclipse IDE and deployed the application on TOMCAT server.
* Used Oracle 10g database to design various tables required for the project and used Stored Procedures in the application.
* Designed and developed web services like **SOAP**, XML schemas, JAXB and XSL and Involved in activities like code review and performance improvement.
* Implemented connectivity to databases using JDBC API from servlets and JSP through Enterprise Java Beans(EJB).
* Used SQL, PL/SQL in indexes, views, stored procedures, functions and relational database models.
* Tested the application using **TestNG**testing framework and Maven as a build and management tool to get the required dependencies for the respective project.
* Used Swing worker thread to handle multi-threading and used the swing components to develop the interactive web based applications

**Environment:** Java 1.7, JSF 3.0, SOA, SOAP, AJAX, HQL, PL/SQL, XML, XHTML, CSS, JavaScript, Web Logic Server 10.3, Oracle 10g, Spring MVC, Hibernate 3.1, CVS, AGILE, Swing.

**Client: HP, India June 2013 - Aug 2014**

**Role: Java Developer**

**Responsibilities:**

* Responsible for implementing the process for sending/receiving messages through JMS message queues to/from various systems.
* Worked on low-level design and development of new features.
* Ensure appropriate application of Software life cycle and serve for the software system
* Struts is used as base framework to control the application flow, OR mapping tool Hibernate is used for the interaction with database Oracle and Spring beans are used for controlling the flow between Business layer and Hibernate, while JSP's formed the UI for the application.
* Involved in developing interface for web pages like user registration, login, registered access control for users depending on logins using HTML and Java Script/DOJO.
* Designing the project flow in UML.
* Used JSF to build a Web Application for Administration purposes.
* Implemented Session Management using Session Factory in Hibernate.
* Implemented user coverage based on 8-digit or 5-digit postal code by using SOA services and WSDL.
* Implemented components using JSF RichFaces3.3 Final API.
* Design and develop user interfaces using JSP, JavaScript and HTML.
* Developed Java Servlet on server side for handling requests and responses from the Web pages.
* Implemented the XML binding functionality using JAXB.
* Implemented unit tests and code reviews using Junit.
* Migrating and deploy the application on Tomcat server.
* Performed code review and test cases review for the developed features.
* Written test cases for unit testing the code using JUnit testing Framework.
* Developed Stored Procedures, Triggers and Views to populate the database Oracle and maintained the data integrity.
* Did performance analysis on the code and carried out code refactoring on the existing code.

**Environment:**HTML, CSS, Bootstrap, C++, Java SE 8, JSP, AWS ,JavaScript, jQuery, AngularJS,Soap UI, Apache Tomcat, Eclipse,Visual Studio 200