**Jiachun Tang**

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**SUMMARY:.**

Over 7+ years’ experience as a Sr Full Stack Developer with a demonstrated expertise in analysis, design, development, testing, implementation, and maintenanceof web, distributed and client-server applications across multiple platforms using modern industry-adopted languages and frameworks.

**PROFESSIONAL EXPERIENCE:**

**Bank Of America, NJ March 2023 – Present**

**Sr. Full Stack Developer**

* Delivered software development utilizing technologies such as Core Java, J2EE, Spring Framework, JSF, Servlet, and SQL database.
* Developed RESTful APIs and implemented backend functionality to support frontend features.
* Utilized best practices for code quality, security, and performance, resulting in [X]% improvement in application efficiency.
* Developed responsive and user-friendly web applications using Angular framework, ensuring a seamless user experience.
* Utilized RxJS within Angular.JS 8/9/10/11/12 for data streams and observables in front-end development, enhancing application responsiveness and performance
* Utilized Python for data analysis and visualization, extracting actionable insights from large datasets and improving decision-making processes
* Developed and optimized Apache Spark jobs for large-scale data processing, improving overall system performance.
* Spearheaded the development of dynamic and responsive web applications using React.js, ensuring an engaging user experience.
* Designed and maintained data models in Apache Hive for efficient querying and reporting.
* Collaborated with cross-functional teams to integrate real-time data streaming using Apache Kafka and Apache Flink.
* Built ETL pipelines with Spark Scala, Spark Streaming, Nifi, and Kafka
* Implemented state management efficiently using Redux, resulting in a more maintainable and scalable codebase.
* Collaborated with UI/UX designers to transform design mockups into functional and aesthetically pleasing user interfaces.
* Implemented RESTful web services to facilitate seamless communication between the front-end and back-end systems.
* Designed, developed, and maintained robust and scalable backend applications using Spring Boot framework
* Implemented RESTful APIs with Node.js, improving data exchange efficiency and enabling seamless communication between the frontend and backend.
* Developed reusable React components, contributing to a 20% reduction in development time for subsequent projects.
* Conducted code reviews and mentored junior developers, fostering a culture of continuous learning and improvement.
* Collaborated with cross-functional teams to gather requirements, provide technical guidance, and ensure successful project delivery.
* Leveraged Angular.JS factories and services for dependency injection and reactive state management
* Using Angular.JS factory and services for dependency injection. Engineered a high-volume transaction system using Microservices with Spring Boot and Spring Cloud..
* Developed Spark code using Scala and spark-SQL/Streaming for faster testing and processing of data.
* Participated in development of a well responsive single page application using JavaScript, Typescript, and jQuery in conjunction with HTML5, CSS3 standards, with front-end UI team.
* Process AWS cloud services for project management, deployment, Linux machine operation, DNS, and load balancing
* Implemented RESTful API in Express to bridge data communication between client and MongoDB database.
* Design and program some search APIs by using Microservice.
* Built Spring Boot Microservice for the delivery of software products across the enterprise.
* Involved in code reviews, Junit testing, Prepared and executed Unit Test Cases

**Visa, Austin, TX Jun 2022 – Jan 2022**

**Senior Full Stack Developer**

* Design and develop RESTful API capabilities on Java/node.js technologies and deploying in AWS and implement API proxies on Apigee Edge.
* Developed various web applications using scripting languages as Unix PowerShell, JavaScript, Python, Bash, and jQuery.
* Conducted tests for applications developed in Angular JS using Jasmine and Angular test beds and ran those test cases on Karma (Unit test runner) platform.
* Employed Angular 9,10,13 for a complete project, rebasing the UI of the application and leveraged reactive patterns with services and components for real-time UI updates.
* Worked on some of the new features of Angular 13 likeIvy , TypeScript 4.4 Support, End of IE11 Support.
* .Implemented data-binding and MVC using AngularJS for front-end development of a current web application
* Integrated Spring Security with JDBC to manage user registration and login
* Built Microservices using spring boot with continuous deployment and continuous integration using Docker and Jenkins.
* Used AngularJS framework for building web-apps and is highly efficient in integrating with Restful services
* Created SOAP web services interface to Java-based runtime engine and accounts.
* Heavily used SOAP UI Pro version for testing the Web Services.
* Setting up the build and deployment automation for Java base project by using JENKINS and Maven.
* Used Maven as build tool and deploying the application.
* Developed CI/CD system with Jenkins on kubernetes environment, utilized kubernetes and docker for the runtime environment for the CI/CD system to build, Test and Deploy.
* Used AWS to build Java applications that work with Amazon S3, Amazon EC2, Amazon Simple-DB, and more.
* Used Git as a version control tool to update work progress.
* Used JIRA for bug tracking and workflow management and Jenkins for continuous integration and continuous deployment.
* Followed Agile methodology during SDLC.

**Citi group, Dallas, TX Jan 2020 – Jun 2022**

**Senior Full Stack Developer**

* Evaluating design architecture flow of client applications infrastructure, prepared required technical documents for cards platform modernization. Coordinating with business analysts and application architects’ team
* Followed Agile development methodology and used rally tool, daily standups for status update, grooming and planning.
* Consumed Rest services from outside applications and implemented distributed tracing using Zipkin
* Implemented service discovery, Histrix dashboard, Swagger, API gateway and configuration for implementing microservices, Spring JPA.
* Using AngularJS factory and services for dependency injection
* Developed well responsive single page application using JavaScript, Typescript, and jQuery in conjunction with HTML5, CSS3 standards, with front-end UI team
* • Responsible for developing the full stack (from the Markup, JavaScript, Typescript, Application Services, Database, and Build Scripts.
* Developed and maintained ETL pipelines, reducing data ingestion times from hours to minutes
* Developed a job server (REST APl, spring boot, ORACLE DB) and job shell for job submission, job profile storage, job data HDFS) query/monitoring.
* Developed Kafka producer and consumers, Spark and HadoopMapReduce jobs
* implemented using SCALA and SQL for faster testing and processing of data. Real time streaming the data using with KAFKA
* Developed the application using Java 8 and implemented its features like lambdas Expressions, functional interfaces, Time API, Streams
* Ability to design high availability applications on AWS across availability zones and availability regions
* Implement systems that are highly available, scalable, and self-healing on the AWS platform
* Implemented features like logging, common error handling, user session validation using Spring-AOP module
* Development applications using AngularJS single page applications SPAs to improve page performance
* Involved in developing UI Automation and backend test scripts that generate reports in selenium cucumber.
* Designed and developed UI using Angular framework
* Implemented screen validations, Data Flow and API Calls from back-end services, Error Validations.
* Created typescript reusable components and services to consume RESTAPIs using component-based architecture.
* Worked on Template Driven forms and Reactive forms to perform form validations both on server and client side.

**Best Buy, Richfield, MN Nov 2018 – Dec 2019**

**Senior Full Stack Developer**

* Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (SDLC) and used Agile Methodology (SCRUM) for developing application.
* Gathered and Analyzed business requirements for Application build.
* Coordinated with QA team to identify ongoing issues and address the issues which are raised by QA.
* Developed application components using Spring, Spring-Data, Spring Boot and Oracle.
* Used Spring extensively to achieve dependency injection to wire the object of business class.
* Developed Microservices using Spring MVC, Spring Boot, and Spring Cloud.
* Involved in developing Use case diagrams, Class diagrams, Sequence diagrams and process flow diagrams for the modules using UML and Rational Rose.
* Worked on RESTful Web Services for transferring JSON data between two interfaces.
* Implemented Micro Service Architecture with Spring Boot based RESTful services and consumed SOAP based Web Services.
* Extensively used STS for developing, debugging, integrating, and deploying the application.
* Created Single Page Application using Angular Framework

**Costco, Atlanta, GA Apr 2016 – Oct 2018**

**Java Developer**

* Understanding and analyzing business requirements. Participated in all phases of SDLC
* Involved in designing Use Case diagrams, Class diagrams and Sequence diagrams as a part of design phase
* Configured Spring framework using the Spring core module to inject dependencies and Spring Cassandra module to persist data into Cassandra database.
* Developed RESTful Web Services using Jersey, JAX-RS to perform CRUD operations on the database server over HTTP and to consume web services for transferring data between different applications
* Used Spring Boot for developing microservices, REST to retrieve data from client-side using Microservice architecture and Pivotal Cloud Foundry (PCF) for deploying microservices
* Used Spring Cloud, Netflix Eureka for service registry for the microservices
* Used Singleton, Session Facade, and DAO patterns in implementing the application
* Used SAX parser for parsing the XML documents that are retrieved upon consuming the Web services
* Extensively worked with XML Schemas (XSD) for defining XML elements and attributes
* Deployed web components, presentation components and business components in WebLogic Application Server
* Used RabbitMQ as the message broker to convert the entire flow as a SOA based architecture
* Used SAML and OAuth to secure web services
* Created build environment for Java using Git and Maven
* Used Log4J to write log messages with various levels
* Developed the test cases with JUnit for Unit testing of the built components
* Worked on enhancements, change requests and defect fixing. Interacted with product owner and testers
* Contributed to standardizing project coding, code review guidelines and checklist
* Used Jenkins for Continuous Integration.
* Used JIRA to keep track of the project, bugs and issues
* Followed Agile/ Scrum methodology to track project progress and participated in Scrum meetings

**Education**: Franklin & Marshall College May 2021 Bachelors

**TECHNICAL SKILLS:**

**UI Technologies** Angular, React, Redux, JavaScript, TypeScript, HTML, CSS, SCSS, Bootstrap, Material UI, JEST and JQuery

**Programming Languages** C, C++, and Java, Python, Swift

**Frame Works** Spring,Spring Boot, Spring Cloud, Axon, Microservices and Selenium-Cucumber

**Version Control** Git, Bitbucket, CVS, VSS and SVN. **:** Jenkins (CI/CD), Kubernetes, Kibana, Zipkin, Sleuth, SonarQube, Redis**,** Rest API, XML, Maven, Toad, SQL Developer, OAuth2, Spring Data JPA, Apache Kafka, Spring Batch, Postman, confluence, Jira

**Servers** Apache Tomcat, JBoss, WebLogic,WebSphere

**IDE’S** IntelliJ, Eclipse SOAP, RESTful

**Reporting Tools** Cucumber Reports, Cognos 8.0 and Net Charts

**Design Tools** UML, OOAD