**AKSHAY KUMAR CHEMURI**

**Full Stack Developer Mobile:**

**PROFESSIONAL SUMMARY**

* Accumulated over 10 years of comprehensive experience as a Java Full Stack Developer and Java Developer, specializing in the design, development, analysis, testing, and implementation of distributed web-based applications and client/server applications using Java/J2EE Technologies.
* Proficient in all stages of the Software Development Life Cycle (SDLC), from business requirements analysis to system development and implementation.
* Experienced in utilizing UML design tools such as Builder and Rational Rose.
* Well-versed in Functional and Reactive Programming, having redesigned, re-architected, and built existing applications using Java 11, Spring Boot, Spring Reactive Stack (Web Flux), GCP, PostgreSQL, and Maven.
* Demonstrated expertise in design patterns and best practices, employing technologies like Golang, to develop deployable production systems with scalability monitoring and instrumentation capabilities.
* Skilled in client-side design and validation using HTML, CSS, JavaScript, AJAX, jQuery, AngularJS, and Node.js.
* Utilized Java 8 features such as Lambda expressions and Stream API for efficient bulk data operations on Collections, enhancing application performance.
* Experience in developing client-side validations using Angular versions 2, 4, 7, and 11, as well as developing Custom pipes and Shadow DOM.
* Developed Rich Internet Applications (RIAs) using technologies like Flex, HTML5, CSS, Ajax, Dojo, and Node.js.
* Proficient in working with NoSQL databases like MongoDB.
* Expertise in MVC architecture using Spring framework, JSP-Servlet, and J2EE Design Patterns.
* Proficient in Struts and Hibernate Frameworks.
* Developed Graphical User Interfaces using AngularJS and designed web pages using HTML, CSS, and JSP for optimal user interaction.
* Worked on workflow applications using FileNet workflow services and possess knowledge of JBPM and Drools.
* Experienced in using IDEs such as Builder, WSAD, and Eclipse.
* Installation, development, and deployment experience with application servers such as WebLogic and WebSphere Application Server. Proficient in creating ANT scripts for software build control.
* Involved in the design and development of applications for high-profile clients, delivering timely and high-quality solutions that have garnered appreciation.
* Developed web and mobile applications using Ext JS and Dojo JavaScript libraries.
* Experience in Microservices development using Spring Boot and deployment in Pivotal Cloud Foundry (PCF).
* Hands-on experience in implementing and designing enterprise applications, employing Java/Java EE design patterns, best practices, coding standards, and practices including IOC (Inversion of Control), AOP (Aspect Oriented Programming), MVC, Business Delegate, Service Locator, Session Façade, DTO, DAO, Front Controller, Factory, and Singleton.
* Proven ability to work independently and adapt quickly in a dynamic business environment. Quick learner with minimal ramp-up time for new technologies.
* Conducted Root Cause Analysis (RCA) on incidents, identified and investigated problems related to known errors.
* Experienced in pre/post-production L3 support and identification/resolution of production issues.
* Worked on a claim management system based on IBM Curam, a J2EE-based system.
* Troubleshot complex customer issues and provided technical support.
* Expertise in Agile development of J2EE-based solutions, following iterations and releases, performing software development, unit testing, and creating documentation.

**EDUCATION QUALIFICATIONS:**

* Bachelors in Computer Science from Guru Nanak Institute of Technology, Jawaharlal Nehru Technological university Hyderabad, India.

**TECHNICAL SKILLS**

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| **Programming Languages** | Java, C, SQL, Ruby, Python, PHP |
| **Software Methodologies** | Agile, Scrum, SDLC Waterfall. |
| **J2EE Technologies** | Java Beans XSD, JAX-RS, JAX-WS, SOAP, WSDL. |
| **Web Technologies** | HTML, JavaScript, AJAX, Bootstrap, JSON, Angular 6, React JS, Node JS, |
| **Web service Frameworks** | Spring 4.3, Hibernate 4.3, Struts (2.5/2.3), Spring MVC, Spring IOC, Spring Boot, Spring AOP, |
| **Web Services** | SOAP, |
| **Testing Tools/Others** | Junit, Mockito, Log4J, Postman. |
| **Build Tools** | Maven 3.3.9, Ant 1.10, Gradle 3.4.1, Jenkins |
| **Version Control Tools** | GIT, GITHUB 2.12.0, SVN, Bit Bucket, GitLab |
| **Databases** | Cassandra DB, MySQL, Oracle. |
| **Application/Web Servers** | Web Logic Server 12c, Apache Tomcat (8.5/8.0), Apache HTTP Server, JBoss. |
| **Cloud Platforms** | Azure Cloud, AWS, Cloud Watch |
| **IDE Tools** | Spring Tool Suite 3.8.3, Eclipse, IntelliJ IDEA 2017.1, Net Beans |
| **Operating Systems** | Windows, Linux, Unix, Mac OS |

**PROFESSIONAL EXPERIENCE**

***Nike, Beaverton, Dallas | July 2021 – Present* | *Full Stack Developer***

***Responsibilities***

* Enhanced the existing Java-based feed generation process by incorporating basket components data and transmitting it to the downstream MBDA Data Lake from the Imagine system.
* Developed Autopsy's batch jobs to automate the feed generation process and seamlessly send the generated feed to the downstream MBDA Data Lake.
* Contributed to UAT test cycles, providing support and addressing defect resolutions.
* Played a role in a larger program involving the migration of the existing Imagine system to the Mercury Trade system:
* Configured the sourcing of data from the Imagine system and its source systems into the new system using the existing YAML and Java-based data sourcing framework.
* Utilized the AGILE methodology and actively participated in SCRUM meetings.
* Leveraged the Curam Workflow API for task enactment.
* Configured AWS EC2 instances in the development and QA environments using Node.js.
* Designed and implemented user interfaces and interactive web pages using HTML5, CSS3, JavaScript, and Angular 11.
* Possess knowledge of backend development in Kotlin, enabling the sharing of common code, such as data models and validation logic, with a frontend written in Kotlin/JS, facilitating the maintenance of full-stack web applications.
* Utilized React Emotion for state-dependent styling, ensuring the flexibility of CSS-in-JS throughout the application and optimizing developer experience and performance with robust caching in production.
* Improved user experience by designing new web features using MVC frameworks like Express.js and Node.js.
* Created responsive front-end screens using Angular 11, HTML5, CSS3, JavaScript, TypeScript, jQuery, and Bootstrap.
* Modernized a legacy and outsourced UI by employing Angular 11, CSS, Node.js, Express.js, and AWS (Amazon Web Services).
* Implemented AJAX and JSON for asynchronous calls to the project server to fetch data on the fly.
* Developed a tool for retrieving and sending data to a third-party service provider, utilizing REST.
* Converted a monolithic app into a microservices architecture using Spring Boot and following the 12-factor app methodology.
* Deployed, scaled, and configured various microservices with the help of a manifest file in PCF (Pivotal Cloud Foundry).
* Created internal diagnostic tools using Golang and Angular 11 to assist with customer issues.
* Implemented reactive Angular 11 components using RXJS.
* Designed and deployed new features to streamline manual operations.
* Tracked burn down, issues, and progress throughout the development process.
* Collaborated with component teams to resolve issues and ensure smooth development.
* Worked with DNS/DHCP, Load Balancing (F5 Networks, AWS ELB), Firewalls (Cisco Systems, Juniper Networks), IDS/IPS, and IPSEC VPN.
* Participated in planning, implementation, and growth activities for the customer's Confidential Web Services (AWS) foundational footprint.
* Collaborated closely with the Kafka Admin team to set up Kafka cluster environments in QA and production, while utilizing Kibana and Elasticsearch to identify Kafka message failure scenarios.
* Deployed, managed, and developed MongoDB clusters, including creating JavaScript for DML operations with MongoDB.
* Built Cassandra Clusters on both physical machines and AWS, automating Cassandra builds, installations, monitoring, and other related tasks.
* Validated forms using Angular 11 and regular expressions, providing client-side and server-side validation.
* Developed Spark scripts using Scala shell commands for processing schema-oriented and non-schema-oriented data.
* Utilized Bootstrap, Angular 11, React.js, and Node.js for effective web design.
* Gained hands-on experience in the development and deployment of microservices using Docker.
* Deployed Spring Boot-based microservices in Docker

**Environment**: Java, J2EE, Oracle 11g, Web Services, AWS, Agile, Hadoop, Hive, Base, REST, XML, Micro services, Mongo DB, SOA, Spring Framework 4.0, Hibernate, Angular 11, AJAX, WebSphere, Scala, Neo4j, JavaScript, NodeJS, Reacts, Bootstrap, JQuery, JBOSS, JUnit, Grunt, GitHub, SQL, HTML5, JSP, CVS, CSS3, MVC, Maven and SVN.

***Walmart, Arkansas | Aug 2019 – Jun 2021* | *Full Stack Developer***

***Responsibilities***

* Implemented the Scrum Agile methodology with regular 3-week sprint cycles, working on planned and groomed user stories.
* Participated in Daily Scrum, Sprint Cycle Reviews, Retro, and Planning meetings, collaborating with the Product Owner and Scrum Master.
* Deployed applications using Jobs and Tomcat as application deployment servers.
* Built a pure React-Redux application from scratch, focusing on stable, reusable, stateless, and aesthetically pleasing React components.
* Created Angular 7/6 HTTP Client interceptors to add the necessary JWT tokens for outgoing requests from the UI.
* Defined Angular 7/6 routes using the Router module, enabling lazy loading for modules and components at the module level.
* Leveraged AWS and Puppet to rapidly provision internal computer systems for various clients within a private cloud environment.
* Wrote Python scripts to manage AWS resources through API calls using the Boto SDK and worked extensively with AWS CLI.
* Utilized Scala to design and develop Spark applications, comparing their performance with Hive and SQL/Oracle.
* Demonstrated in-depth knowledge of AWS services, including compute, network, storage, and identity and access management.
* Responsible for implementing modules such as Initialization, Authorization, Controller Request Flows, and Save Transaction to Database modules.
* Utilized Spring-WS framework for SOAP web services, specifically for LC 6.7 operations.
* Implemented JUnit test cases within the Curam framework.
* Implemented an organizational DevOps strategy across Linux, Windows servers, and AWS cloud environments.
* Developed Hibernate mapping files using different mapping strategies, such as table per class hierarchy, and utilized Hibernate Persistence Strategy for database interactions.
* Developed RESTful web services by building a Node.js server in the backend to handle requests from front-end jQuery and AJAX calls.
* Validated forms using Angular 7/6 and regular expressions, providing client-side and server-side validation.
* Configured backup, alerts, repairs, and monitoring for Cassandra clusters using OpsCenter.
* Administered, monitored, and maintained multi-datacenter Cassandra clusters in production using OpsCenter and Nagios.
* Utilized MongoDB internal tools like Mongo Compass, Mongo Atlas Manager & Ops Manager, and Cloud Manager.
* Worked on MongoDB database concepts, including locking, transactions, indexes, sharding, replication, and schema design.
* Deployed and scaled Java-based web applications and services using AWS Beanstalk.
* Led daily stand-ups and scrum ceremonies for two scrum teams.
* Collaborated with product owners to groom the backlog and plan sprints.
* Enhanced the performance and capacity of the enterprise's virtual system.
* Utilized Scala collection framework to store and process complex consumer information.
* Implemented Scala functional programming concepts to develop business logic.
* Developed cross-browser/platform HTML5, CSS, and JavaScript code to match design specifications for complex page layouts while adhering to coding standards.
* Created Angular 7/6 directives, controllers, modules, and pipes using Typescript.
* Developed an RFP microservice to provide a RESTful API using Spring Boot with Spring MVC.
* Implemented the Spring MVC framework for control flow, business-level validations, and communication with the business layer.
* Developed code using design patterns such as DAO, Factory Pattern, Singleton and Value Objects, Decorator, State, and Strategy.
* Utilized Spring AOP for common cross-cutting concerns like security and interception.
* Implemented Docker container service and CI/CD pipelines using Jenkins, Bamboo, and Go CD for continuous integration and deployment in both cloud and on-premises environments.
* Worked on code builds and changes using JavaScript, Python

**Environment**: JDK 1.8, Spring Boot, Spring MVC, Angular 7/6, Spring AOP, Hibernate 4.0, JAX-RS Web services, JAX-WS Web services, Micro services, Apache CXF, AJAX, UML, MS Visio, JSTL, Scala, Oracle 11g, Mongo DB, Docker, Jobs, Selenium, GIT, Bamboo CI, Cucumber, Chef, MongoDB, Meter, Apache Camel, Karma, AWS, Jasmine.

***Christus Health, Dallas, Texas. | Oct 2017 – July 2019 | Full Stack Developer***

***Responsibilities***

* Worked with Business Analysis teams, Product Owner and Clients in collecting and understanding the business requirements and worked with architects in converting them to functional and technical specifications.
* Involved in the Software Development Life Cycle (SDLC), Requirements gathering, Design, Code, Integration, and Deployment and production phases.
* Built Restful web services using Node JS and Express JS and used a full complement of Express.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 7/6.
* Created and consumed RESTful API using Express.js to provide centralized logic and reusable data retrieval build on top of Node.js.
* Implemented Logic for pulling the data from the REST API with Axios AJAX and issued HTTP requests to interact with REST endpoints.
* Involved in development of Restful web services using MERN stack, MongoDB, Express React-Redux and Node JS.
* Developed various single page applications (SPA) using React JS and used various components in the Redux library.
* Used React-Routers for connecting the APIs which enforces the communication to the server while also implementing mock services in Node.js with the help of modules using Express.js.
* Developed dashboard based on Ajax calls with Business Customers Count, Flags, Real-time graphs for Analytical Reporting using Node JS.
* Implemented JSON web tokens mechanism for authentication and authorization security configurations using Node.js.
* Used React JS virtual DOM for client-side view rendering services, React-Redux for state management and React-Router for client-side routing for dynamically changing client-side content.
* Implemented asynchronous logic for CRUD operations in MongoDB using mongoose connector, and assertions.
* Created Angular 7/6HTTP Client interceptors to add necessary JWT tokens for the outgoing requests from UI.
* Worked on structuring database schemas using a mongoose migration system in MongoDB for quickly implementing logic for manipulation of data.
* Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA and Production environments.
* Worked on the Splunk architecture and various components (indexer, forwarder, search head, deployment server), Universal and Heavy forwarder.
* Developed, implemented unit test cases and integration test cases using chai and mocha.
* Use Selenium for creating the web-based test automation suite and perform functional testing.
* Designed, built, and deployed a multitude application using the AWS stack (Including EC2, MongoDB, Docker, Kubernetes Orchestration container (EKS) focusing on high-availability, fault tolerance, and auto-scaling and Load Balancing).
* We hosted all our micro services in AWS cloud infrastructure using Jenkins CI/CD pipelines.
* Used Pivotal Cloud Foundry to quickly build, deploy and update the applications and managed Pivotal Cloud Foundry based platform built on Kubernetes programming with deployment manager and containerized using Docker.
* Used Grafana to build monitoring and trace / track dashboards by using the data metrics provided by Splunk and MongoDB.

**Environment**: Java, HTML5, CSS3, Typescript, REACT JS, Redux Chai, Angular 7/6, Mocha, Git, NPM, YARGS Grunt, Bower, Spring Security (JWT), MongoDB, Kafka, Node.js, Express, Jetty Server, AEM, Kubernetes, Docker, AWS, EC2, Jenkins, Splunk.

***State Farm, Bloomington, IL | Dec 2015 – Sept 2017 | Full Stack Developer***

***Responsibilities***

* Involved in the Software Development Life Cycle (SDLC), Requirements gathering, Design, Code, Integration, and Deployment and production phases.
* Built Restful web services using Node JS and Express JS and used a full complement of Express.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular2/4.
* Created and consumed RESTful API using Express.js to provide centralized logic and reusable data retrieval build on top of Node.js.
* Implemented Logic for pulling the data from the REST API with Axios AJAX and issued HTTP requests to interact with REST endpoints.
* Involved in development of Restful web services using MERN stack, MongoDB, Express React-Redux and Node JS.
* Developed various single page applications (SPA) using React JS and used various components in the Redux library.
* Used React-Routers for connecting the APIs which enforces the communication to the server while also implementing mock services in Node.js with the help of modules using Express.js.
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* Used React JS virtual DOM for client-side view rendering services, React-Redux for state management and React-Router for client-side routing for dynamically changing client-side content.
* Implemented asynchronous logic for CRUD operations in MongoDB using mongoose connector, and assertions.
* Created Angular2/4HTTP Client interceptors to add necessary JWT tokens for the outgoing requests from UI.
* Developed, implemented unit test cases and integration test cases using chai and mocha.
* Use Selenium for creating the web-based test automation suite and perform functional testing.
* We hosted all our micro services in AWS cloud infrastructure using Jenkins CI/CD pipelines.
* Environment: Java, HTML5, CSS3, Typescript, REACT JS, Redux Chai, Angular2/4, Mocha, Git, NPM, YARGS Grunt, Bower, Spring Security (JWT), MongoDB, Kafka, Node.js, Express, Jetty Server, AEM, Kubernetes, Docker, AWS, EC2, Jenkins, Splunk.

**Environment**: Tomcat, Groovy/Grails, Java1.5, JSP2.0, Servlets2.4, EJB2.0, Struts1.2, Spring 2.0.3, JDBC3.0, Design patterns, Html, XML, CSS, Log4j, Ant, SOAP, Web services, RAD6.0, IBM WebSphere server6.1, IBM DB29.0, VSS, Accurev, Junit, Maven.

***Wellington Management - Boston, MA. | Feb 2014 – Nov 2015 | Full stack Developer***

***Responsibilities:***

* Worked closely with peer developers, business analyst, QA engineers, project manager to develop codes and standards Automated System using Java, J2EE, Ajax, jQuery and JavaScript.
* Implemented Spring framework for dependency Injection, support for the Data Access Object (DAO) pattern and integrated with Hibernate.
* Implemented Business logic for web service using annotations which enables dependency Injection.
* Front end was developed using JSP, AJAX, Spring, jQuery, Angular JS, Bootstrap, HTML5, CSS3.
* Involved in RESTful web services for making use of HTTP protocol between client and server. Consumed web services using Apache CXF framework for getting remote information.
* Developed Data persistence API using hibernate and Spring DAO layer.
* Coded various business process methods required for creation of web services related to customer information and provider information using JAX-WS, SOAP, WSDL and JAX-RS, REST web services.
* Implemented critical DB design optimization techniques in the application.
* Used table per hierarchy inheritance of Hibernates and mapped polymorphic associations. Developed one-many, many-one, one-one annotation-based mappings in Hibernate.
* Worked on Maven during build process also modified pom.xml to use latest libraries and specifications.
* Worked in build process such as running build scripts to check out the code from SVN to build it and deploying under UNIX boxes also running WebSphere deploy, startup scripts.
* Designed and deployed enterprise services using REST based APIs.
* Coordinated in all testing phases and worked closely with performance testing team to create a baseline for the new application.
* Involved in writing application level code to interact with RESTful Web APIs, Web Services using AJAX, JSON, XML and jQuery.
* Involved in Authentication & authorization checks using Encryption and decryption techniques using Public/private key methods etc.
* Used maven to manage dependencies in the application and deploy it on WebLogic Application server. CVS was used for version control.
* Responsible for data migration to QA/User and production region.

**Environment**: Java, Restful API, Spring, Hibernate, Angular JS, JSP, Servlets, HTML, Bootstrap, JavaScript, spring, Spring AOP, XML, XSD, XSLT, CSS, JPA, Junit, jQuery, Apache CXF, RAD, Oracle, PL/SQL, SQL developer, WebSphere Application Server, Maven, Log4j, Unix, Microsoft VISIO, Quality Center, JIRA Tracking tool.

***Sky Bridge Global Pvt. Ltd, India | OCT 2012 to DEC 2013 | Java Developer***

***Responsibilities:***

* Designed and Development of the Object Oriented applications using OOA and OOD techniques in all Business Areas using Rational Rose.
* Used Spring MVC framework and spring in developing and scheduling Cron Job in MC batch application modules on bug fixing and Production Support.
* Worked on REST Web Services for transferring XML data between two interfaces created SOAP based web services by establishing links using HATEOAS from Spring based application
* Used Spring and Hibernate for implementing IOC and Object Relational Mapping for back end tiers developed class diagrams, sequence diagrams and object diagrams using UML methodology.
* Wrote Client side validation scripts using JavaScript Implemented client side Interface using designed and developed sub system using Java Servlets, JSP, J2EE Entity beans and Session Beans.
* Designed and developed web pages using HTML and JSP and also used REST API, HTTP requests and implemented JSON format for data exchange for communication of with one another.
* Stored data in Oracle database and accessed using Oracle JDBC drivers Eclipse as IDE to create, test and deploy EJB components.
* Designed and developed Oracle stored procedures, functions, triggers and PL/SQL modules and Imported Client data into the database from XML file by using the XML Parser.

**Environmen­­­­­­­t**: Java, J2EE, JSP, Servlets, spring, Spring MVC, Hibernate, SOAP, REST, REST API, PL/SQL, JBoss Application Server, Clear Case, Junit, Log4j, Eclipse IDE, Rational Rose.