YASWANTH KARI

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Professional Summary:

- 4+ years of hands-on experience in full-stack development, with expertise in both front-end and back-end technologies.
- **Back-end development** using **Java** and **Spring Boot** to build scalable, high-performance RESTful APIs and microservices.
- Experience in working in environments using **Agile (SCRUM)** and **Test-Driven Development (TDD)** development methodologies.
- Extensive experience with **Spring Framework**, including **Spring Integration** and **Apache Camel**, to implement complex enterprise-level integrations and optimize data flow.
- Proficient in **MongoDB** for managing large-scale NoSQL data and ensuring efficient query performance.
- Strong knowledge of **ReactJS**, **HTML5**, **CSS3**, and **JavaScript** to create dynamic, responsive, and user-friendly front-end interfaces.
- Expertise in integrating **Single Sign-On (SSO)** using **OAuth** to enable secure authentication flows across multiple applications.
- Skilled in building **stateful front-end applications** with **Redux** and **React Router** for smooth navigation and state management in ReactJS applications.
- Experienced in working with **RESTful APIs**, integrating **back-end services** with front-end components, and ensuring seamless data communication.
- Knowledge of **unit testing** and **integration testing** using tools like **JUnit**, **Mockito**, **Jest**, and **React Testing Library** to ensure robust application functionality.
- Proficient in **version control systems** such as **Git**, ensuring collaboration and efficient code management within teams.
- Hands-on experience with **CI/CD pipelines**, utilizing **Jenkins**, **Docker**, and **Kubernetes** to automate deployment and ensure smooth delivery cycles.
- Solid understanding of **Agile methodologies** (Scrum, Kanban), with experience in sprint planning, daily stand-ups, and retrospectives
- Excellent problem-solving skills, with a focus on optimizing both front-end and back-end performance to improve user experience and application stability.

Technical Skills:

Methodologies	Software Development Life Cycle (SDLC), Agile, Waterfall, Scrum, TDD
Programming Languages	C, C++, Java, JavaScript, Python, SQL
Frontend Technologies	HTML5, CSS3, Bootstrap, JSP, AngularJS, NodeJS, ReactJS, Redux
Backend Technologies	Spring Framework (Spring Boot, Spring MVC, Spring Data, Spring Security), Hibernate (ORM), J2EE (Servlets, JSP), RESTful APIs, JMS, JDBC, Microservices Architecture.
Messaging and Streaming Systems	Active MQ, JMS, SQS, and Apache Kafka

Database Technologies	MySQL, Postgres, Oracle, DB2, MongoDB
Cloud Technologies	Amazon Web Services (AWS EC2, S3, SQS, Lambda, API Gateway, CloudFormation), Microsoft Azure, Google Cloud Platform (GCP)
Containerization and Orchestration. CI/CD	Docker, Kubernetes, Helm, Jenkins, GitLab
Version Control Tools	Git, GitHub, SVN, Bit Bucket/Stash
API Documentation and Testing Tools	JUnit, Mockito, Selenium, Postman, JMeter
Code Quality and Monitoring	SonarQube, ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana, Log4J
Security and Authentication	OAuth2.0, JSON Web Tokens (JWT)
Development Tools and IDEs	IntelliJ IDEA, Eclipse, Visual Studio Code, Spring Tool Suite(STS), PyCharm, Anaconda
Design Patterns and Architectural Styles	MVC, Microservices, Serverless Architecture
Web Services	RESTful APIs, SOAP, API Gateway, Swagger, GraphQL
Other	XML, JSON, Design Patterns, Linux/Unix

Professional Experience:

Client: Infinite Computer solutions. **Nov 2023 – Present**
Role: Java Full Stack Developer
Responsibilities:

- Designed and developed RESTful APIs using Java Spring Boot to manage customer data, apply offers, and calculate discounts dynamically.
- Integrated complex business logic to ensure accurate discount processing by fetching and analyzing customer and product usage data.
- Followed Agile (Scrum) methodology and Test-Driven Development (TDD) for efficient and iterative software delivery.
- Implemented a microservices-based architecture to support independent scaling, deployment, and service management.
- Utilized Spring Data JPA and Hibernate for database interaction, focusing on performance and transaction consistency.
- Built responsive front-end components using ReactJS, HTML5, CSS3, JavaScript, AJAX, and Redux.
- Applied security best practices using Spring Security and OAuth 2.0 to protect sensitive data and endpoints.
- Used PostgreSQL for structured data storage and MongoDB for managing semi-structured data like promotions and product catalogs.
- Wrote optimized SQL queries to enhance data access and application performance.
- Deployed services on AWS using EC2, S3, and configured Elastic Load Balancer and Auto Scaling for high availability.
- Integrated IAM for secure resource access and used CloudWatch to monitor system health and logs.

- Tested APIs using Postman, including automation for edge cases, error handling, and load testing.
- Configured NGINX as a reverse proxy to manage routing, improve load balancing, and enhance performance.
- Developed test cases simulating real-world customer scenarios to validate discount logic and offer application.
- Ensured ACID compliance in PostgreSQL transactions for reliable financial and transactional processing.
- Applied caching strategies and query optimization to reduce latency and improve system responsiveness.
- Handled error handling and fallback mechanisms in microservices to maintain application stability.
- Created environment-specific configurations for development, staging, and production deployments.
- Collaborated closely with QA, DevOps, and business teams to align technical development with business goals.
- Participated in daily stand-ups, sprint planning, code reviews, and retrospectives to drive continuous improvement.

Client: Pennsylvania Child Support Enforcement System **Feb 2023 –Oct 2023**
Role: Full Stack Java Developer
Responsibilities:

- Designed and developed a full-stack application to manage internal employee security, enhancing data accessibility and operational efficiency.
- Built a dynamic and interactive user interface using ReactJS, ensuring smooth navigation and seamless user experience for internal teams.
- Integrated Ag-Grid to display employee data in tabular format, with advanced features like sorting, filtering, and pagination for effective data handling.
- Implemented tabbed views and side panels to allow users to quickly switch between different data sections, improving usability and navigation.
- Added filtering capabilities to streamline data searches based on specific employee attributes such as base location, department, or status.
- Developed the backend using Java Spring Boot, focusing on scalability, modular design, and secure data handling.
- Adopted a microservices architecture to break down functionalities into separate services, allowing independent development, deployment, and scaling.
- Built RESTful APIs for each microservice to enable secure, efficient communication between frontend and backend services.
- Utilized MongoDB as the backend database for flexible schema design and efficient storage of dynamic eployee security data.
- Configured database connectivity and optimized queries to ensure fast and secure data access across the application.
- Implemented automated email notifications to alert Product Managers about key events such as employee data updates or security changes.
- Ensured sensitive employee data is securely stored and accessed by implementing secure API endpoints and adhering to internal security standards.
- Focused on secure backend development practices to minimize the risk of unauthorized access or data breaches.
- Each microservice was built to handle a specific responsibility—such as data processing, security, or email handling—to ensure a clean and maintainable codebase.
- Applied RESTful service principles to maintain a clear separation of concerns and ensure consistent integration between frontend and backend layers.
- Conducted thorough testing of frontend components and backend APIs to ensure reliability and high performance across different use cases.

- Designed the overall system to be modular, scalable, and maintainable, suitable for future enhancements or integrations with other internal tools.

Client: Agile Solutions, Banglore, India. **Nov 2021 – Jan 2023**
Role: Software Developer
Responsibilities:

- Implemented and maintained application with Waterfall methodologies.
- Used validation controls in Java Script for validation purposes and extensively used Database validations.
- Developed several web pages using HTML, CSS, JSP and Java to performed checking and validations at Client's side.
- Designed a website using **ReactJS** and **JavaScript** which provides a platform for educational institutions to deliver online education.
- Extensively worked on front end, business, and persistence tiers using the **Spring** framework
- Worked in using **React JS** components, Forms, Events, Keys, Router, Animations and Flux concept.
- Responsible for developing a front-end application using ReactJS and FLUX architecture for internal teams productivity use.
- Presented a unique and responsive user interface using JavaScript, HTML5, CSS3, NodeJS.
- Collaborated with the full stack software developers in a team and followed **SCRUM** methodology along with JIRA and Gitlab for the website development and performed code and design reviews according to development standards.
- Worked with IDE as Eclipse and deployed into **Apache Tomcat Web Server, JBoss** & used **Maven** build tool to achieve more functionality for build process.
- Developed more than 25 React Components (site pages, page layouts, web parts) for the company's portals
- Integrated Single Sign-On (SSO) using **OAuth** for a **React**.js application that includes configuring OAuth providers, implementing secure authentication flows, handling token management.
- Integrated **RESTful** web services and handled asynchronous data retrieval using AJAX calls, ensuring seamless data communication between the client-side and server-side.
- Automated testing in React using Jest and React Testing Library, achieving high test coverage and reducing bugs in production.
- Performed unit testing using JUnit and deployed the code.
- Developed and maintained web applications using Python-based frameworks such as Django and Flask.
- Managed large datasets using NoSQL databases like **MongoDB**, ensuring high performance and scalability.
- Leveraged **Python** libraries to optimize database queries, resulting in a 30% reduction in query response times.
- Collaborated with cross-functional teams to deliver feature-rich applications within project deadlines.
- Conducted code reviews and provided constructive feedback to improve code quality and maintainability.
- Implemented test automation **Junit** improving overall test coverage by 40%.

Client: Fiserv, Banglore, India. **May 2021 – Oct 2021**
Role: Front End Intern
Responsibilities:

- Developed and integrated self-service UI features using **ReactJS and MUI**, in coordination with backend microservices, enhancing usability and overall system responsiveness.
- Engineered dynamic, secure front-end interfaces to support **real-time data exchange** with microservices, improving user efficiency and engagement.
- Designed and delivered a **Product Configuration Form Tool** using **React and Spring Boot**, contributing to a **75% reduction in project setup time**.
- Implemented **CI/CD automation for front-end workflows** using **GitLab CI and Jenkins**, reducing UI deployment errors and accelerating release cycles.

- Built and maintained **reusable React components** and forms with **Redux and Formik**, enabling faster development and UI consistency across modules.
- Collaborated with QA and DevOps teams to test and monitor front-end performance using **Postman, Jest, and Grafana**, ensuring feature reliability.
- Actively participated in Agile practices, including **sprint planning, reviews, and retrospectives**, to align UI deliverables with evolving business and backend requirements.

.Education:

Master In Information Technology| University of Cincinnati, USA.
Bachelors in Technology, Computer Science |Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, India.