Jayakishan Presingu

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SUMMARY:

- Proficient in Java programming language with expertise in developing enterprise-level applications using Java and related technologies.
- Skilled in Java frameworks like Spring and Spring Boot for scalable and maintainable back-end development.
- Proficient in developing interactive and responsive user interfaces using React.js, JavaScript, HTML, and CSS.
- Strong expertise in writing unit tests for React.js components using frameworks like Jest, React Testing Library.
- Experience in working with popular UI component libraries for React.js, such as Material-UI, React Bootstrap.
- Proficient in designing and implementing RESTful APIs using Java frameworks like Spring MVC, ensuring seamless integration between front-end and back-end components.
- Experienced in working with databases, both relational (SQL) and NoSQL (MongoDB, Redis), ensuring efficient data storage and retrieval.
- Solid understanding of software development methodologies, including Agile (Scrum), and experience in working collaboratively in cross-functional teams.
- Skilled in version control using Git, ensuring efficient code management and collaboration with team.
- Familiarity with build tools like Maven, Gradle for dependency management & automating the build process.
- Strong debugging, problem-solving skills, enabling efficient troubleshooting, resolution of issues in Java apps.
- Continuous learner with a passion for staying updated with the latest technologies and trends in the Java ecosystem, ensuring ongoing professional growth and improvement.

EDUCATION:

Master of Science in Computer Science   **Duration:** January 2021 - May 2022
University: University of North Texas – Denton, TX, USA.
Bachelor of Technology in Computer Science & Engineering   **Duration:** June 2014 - May 2018
University: Jawaharlal Nehru Technological University, Kakinada – AP, India.

PROFESSIONAL EXPERIENCE:

Role: JAVA FULL STACK DEVELOPER   **Duration: August 2022 - Present**
Company: Shrive Solutions LLC. – Charlotte, NC.
Responsibilities:

- Leveraging Java and Spring Boot, contribute to the development of a clinical trial management system to efficiently track trials, patient data, and results across various programming languages.
- Exhibit extensive experience in crafting enterprise-level applications utilizing the power of Java and its associated technologies.
- Employ HTML, CSS, and JavaScript to create visually engaging and interactive user interfaces.
- Utilize Java-based frameworks, including Spring and Spring Boot, to develop robust and scalable web applications.
- Harness Spring Boot's dependency management, Spring MVC, and Spring Data JPA to create RESTful APIs that ensure seamless communication between frontend and backend.
- Proficiently apply Hibernate, JPA, and JUnit to ensure efficient and resilient application development.
- Showcase familiarity with NoSQL databases like MongoDB and Redis, broadening data storage options for diverse use cases.
- Showcase Maven and Gradle expertise for efficient dependency management and automated builds.
- Leverage the React ecosystem for dynamic front-end experiences with React Router, Redux, and Next.js.
- Skillfully use React libraries like Redux, React Router, and Material-UI to create scalable and interactive web applications, enhancing UI and development efficiency.
- Implement React Router for enhanced client-side routing and navigation, elevating the user journey.

- Implement form validation and user input handling using libraries like Formik and React Hook Form, ensuring data integrity and improving user interaction.
- Seamlessly integrate React.js with APIs and backend systems, utilizing tools like Axios and Fetch API for efficient data retrieval and synchronization.
- Implement web performance optimization strategies, including lazy loading, caching, and minification.
- Demonstrate adeptness in using RESTful APIs to unite back-end services with front-end applications.
- Showcase expertise in creating scalable and secure microservices architectures using Java and Spring Cloud.
- Proficiently deploy and manage applications on AWS, and services like EC2, S3, Lambda, and DynamoDB.
- Exhibit hands-on experience with serverless architectures, using Lambda, API Gateway, Elastic Beanstalk, ECS, and CloudFormation.
- Implement AWS services like Amazon RDS and DynamoDB for efficient database management, ensure resource security through IAM, and automate deployments via AWS CLI and SDKs.
- Showcase prowess in Docker containerization, efficiently managing application lifecycles and orchestrating multi-container environments with Docker Compose.
- Exhibit proficiency in Kubernetes for container orchestration, scaling, and deployment, including strategies like rolling updates for high availability.
- Automate CI/CD with Jenkins, GitLab CI/CD, and CircleCI for seamless building, testing, and deployment.
- Champion Test-Driven Development (TDD) principles, employing JUnit and TestNG for unit testing and automated testing to ensure code quality.
- Showcase proficiency in Git, embracing GitFlow branching strategies, and employing GitLab's merge requests, issue tracking, and CI/CD integration.

Role: SOFTWARE ENGINEER   **Duration: July 2018 – December 2020**
Company: VRK Technologies PVT. LTD. – Hyderabad, India.

- Gathered and analyzed system requirements for projects.
- Employed HTML, CSS, JSP, Servlets, JSTL, and Ajax to craft responsive and engaging user interfaces.
- Seamlessly integrated React.js into our tech stack, utilizing libraries such as React Router and Material-UI to facilitate dynamic UI components and enhanced user journeys.
- Implemented Training and Appraisal modules with Java, JSP, JavaScript, and Java Swing.
- Designed database schema, wrote complex SQL queries, mapped functional requirements to workflow processes, and utilized JDBC Callable statements for seamless integration.
- Employed Struts as a framework, orchestrating frontend interactions with backend services seamlessly.
- Enhanced database architecture by designing, optimizing, and modifying structures like tables, views, triggers, stored procedures, and functions, paving the way for innovative features.

Role: SUMMER INTERN   **Duration: May 2017 – June 2017**
Company: Rashtriya Ispat Nigam Limited (RINL) – Viskhapatnam, India.

- Completed internship at RINL Visakhapatnam in ERP-IT a corporate entity of Visakhapatnam Steel Plant.
- Collaborated with cross-functional teams to analyze, design, and implement solutions for seamless integration of IT systems and business processes. Contributed to enterprise resource planning software and IT infrastructure initiatives.

TECHNICAL SKILLS:

Programming/Web Technologies: Java, JavaScript, TypeScript
Frontend Technologies: HTML5, CSS3, React.js, Redux, React Router, Material-UI, Formik, React Hook Form
Frameworks: Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Java Swing, Struts
Databases: MySQL, MongoDB, Redis, Amazon RDS, DynamoDB
Web Services: RESTful APIs, GraphQL
Tools/Platforms: Git, Postman, Junit, Eclipse, Mockito, GitFlow, Docker, Docker Compose, Kubernetes, Maven, Gradle, CI/CD (Jenkins, GitLab CI/CD, CircleCI), JUnit, TestNG, Test-Driven Development (TDD)
Cloud Platforms: Amazon Web Services (AWS) - EC2, S3, Lambda, Elastic Beanstalk, ECS, CloudFormation
Others: Agile Methodologies (Scrum), JPA (Java Persistence API), Axios, Fetch API, Next.js