RAGHAVA AVERINENI

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SUMMARY

- Full-Stack Developer with 3 years of experience in building scalable, high-performance web applications.
- Expertise in back-end technologies such as Java, Spring Boot, Hibernate, Node.js, and TypeScript, along with front-end frameworks like React and Angular
- . Skilled in designing and developing robust RESTful APIs, managing both relational (SQL) and NoSQL databases, and deploying cloud-native applications using AWS and Azure platforms.
- Proficient in DevOps practices, including setting up CI/CD pipelines with Jenkins and containerization using Docker. Experienced in writing clean, maintainable code and optimizing database queries for performance.
- Passionate about developing responsive, secure, and scalable applications while ensuring high code quality and fostering collaborative development in Agile environments.

EDUCATION

Master of Science: Computer Science

Northwest Missouri State University, Maryville, Missouri   *GPA 4.0/4.0*

Bachelor of Technology: Information technology

Keshav memorial Institute of technology   *GPA 9/10*

SKILLS

- **Languages:** Java, JavaScript, Python, TypeScript, C++, DSA
- **Back-End Technologies:** Java SE/EE, Spring Boot, Spring Security, Hibernate, RESTful APIs, Microservices, JavaFX, SOAP, JPA, Spring Cloud
- **Front-End Technologies:** React, Angular, HTML5, CSS3, JavaScript, TypeScript, Bootstrap, jQuery, SASS
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis, Firebase, SQLite
- **Cloud & DevOps:** AWS, Azure, Docker, Kubernetes, CI/CD (Jenkins, GitLab CI), Terraform, Nginx
- **Version Control & Build Tools:** Git, GitHub, Bitbucket, Maven, Gradle
- **Testing & Automation:** JUnit, TestNG, Mockito, Selenium, Cypress
- **Other:** Agile Methodologies (Scrum), REST API Design, Webpack, Node.js, Express.js, Nginx, GraphQL, Firebase
- **Data Visualization:** Power BI, Tableau

WORK EXPERIENCE

Full-stack dveloper   **Aug 2022 - Jul 2023**

Manomay Insuretech, Hyderabad, India

- Designed and implemented back-end services for customer data, order management, and integrations with external APIs using Spring Boot and Hibernate.
- Integrated the React front-end with back-end APIs to provide users with a seamless and interactive web application experience.
- Created responsive UI components in React, utilizing Bootstrap and Material-UI for consistent, modern design patterns.
- Leveraged React Context and Redux for state management across the application, simplifying data flow and improving scalability.
- Deployed applications on AWS and Azure, ensuring scalability, performance, and reliability of cloud-based solutions.
- Implemented Angular components for internal tools, focusing on modularity and reusability for better maintainability.
- Led code reviews and collaborated in Agile sprints, improving team efficiency and delivering high-quality solutions.

Software engineer   **May 2021 - Jul 2022**

Harrier Automations, Hyderabad, India

- Developed a full-stack music library app using Java (Spring Boot) for the backend and React for the front-end.
- Designed Angular components for internal admin tools to manage users, playlists, and music tracks, improving the efficiency of the management interface.
- Built RESTful APIs for managing music tracks, playlists, and user accounts, allowing users to interact with the app in a seamless manner.
- Created a React-based user interface, leveraging React Router for navigation and Material-UI for consistent, modern UI components.
- Used Angular to build a feature-rich, scalable internal dashboard for data analysis and user activity monitoring.
- Optimized React and Angular applications to ensure fast load times and smooth user interactions, achieving a 20% increase in performance.
- Contributed to Agile sprints, including task estimation, sprint planning, and code reviews.

PROJECTS

Recycling Waste Data Management System   **Aug 2023 - Dec 2024**

northwest missouri state university, maryville,missouri

- Developed a Recycling Waste Data Management System, integrating back-end services with React front-end for a responsive, user-friendly interface.
- Designed and implemented microservices architecture using Java (Spring Boot) and Spring Security, providing secure and scalable solutions for data management and reporting.
- Created optimized SQL queries for MySQL/PostgreSQL databases, improving data retrieval and reporting speed by 25%.
- Integrated Power BI and Tableau for interactive reports and dashboards, enabling stakeholders to make data-driven decisions.
- Containerized the application with Docker, ensuring portability and efficient deployment across various cloud environments.
- Worked in an Agile development environment, participating in sprints, code reviews, and collaborating with a cross-functional team.

CERTIFICATIONS

- Aws Cloud Technical Essentials (KDFD97RSQ9F0)