Sai Kiran Reddy G

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Summary

Software Engineer with 4+ years of experience in developing scalable web applications. Proficient in **backend** technologies like **Java, Spring Boot, RESTful APIs**, and databases such as MySQL and MongoDB. Skilled in **frontend** frameworks like **React.js and Angular**, with a strong understanding of cloud platforms and DevOps practices. Experienced in building secure, and maintainable solutions in cross-functional teams. Focused on leveraging modern technologies to develop efficient software applications.

Skills

Web Development: Angular, React.js, Express.js, jQuery, Vue.js, Redux, Node.js, Django, Spring Framework, Hibernate, Spring Boot, Redis
Programming Languages: Java, Python, C#, C, C++, HTML5, CSS3, JavaScript (ES5, ES6), TypeScript
Database: MySQL, NoSQL, MongoDB, Oracle, PostgreSQL, DynamoDB, Cassandra
Tools: GitHub, Git, Jupyter, Tableau, IntelliJ, Postman, Jenkins, design patterns, OAuth, OWASP
Other: Agile Methodology, Unit Testing, Linux/Unix, Docker, SOAP, RESTful APIs, GraphQL, Microservices, Jest, Selenium, Kafka, Kubernetes, CI/CD pipelines
Cloud: AWS (S3, EC2, CloudFront, SQS, SNS, Lambda), GCP

Experience

JPMorgan Chase & Co. | USA
Software Engineer II   **01/2024 - Present**

- Developed and managed scalable, high-performance applications using **Java**, **Spring Boot**, and **Microservices** architecture to support banking and financial services handling 10,000+ concurrent users.
- Developed scalable REST APIs using Java and Spring Boot, achieving 99.9% uptime and improving response times by 25%, with comprehensive documentation via Swagger/OpenAPI to support seamless integration.
- Fabricated complex single-page applications using **React.js**, following best practices in component based architecture and state management, improving efficiency by 25%.
- Improved system security by implementing **OAuth** and **OWASP** best practices for API authentication and authorization, reducing security vulnerabilities by 40% and ensuring compliance with industry standards.
- Deployed and upheld cloud-native applications on **AWS**, ensuring 99.99% uptime and high availability.
- Contributed to the development of AI-powered tools, including ChatCFO for finance teams and an AI assistant modelled after the chairman of market and investment strategy.
- Engaged with cross-functional teams in an **Agile** environment, delivering 95% of projects on time.
- Worked with databases like **PostgreSQL**, optimizing queries and improving database performance by 35%.
- Wrote and maintained automated test suites using **Jest**, and **Selenium**, reducing production bugs by 25%.
- Ensured 99% system uptime through effective CI/CD pipeline management with Jenkins and Docker.

UnitedHealth Group | India
Software Engineer   **07/2019 - 04/2022**

- Collaborated in developing multiple web applications using **HTML**, **CSS**, and **JavaScript**, enhancing user engagement and accelerating project delivery speed by 20% through efficient, and reusable code.
- Pioneered advanced monitoring solutions and debugged issues, optimizing application efficiency and reducing downtime by 40%.
- Executed reusable **Angular** components and services, improving code modularity and reducing development time by 20%.

- Utilized FHIR (Fast Healthcare Interoperability Resources) for standardizing health data exchange, improving interoperability across different healthcare systems.
- Fostered and maintained **Java**-based healthcare applications, improving data processing efficiency by 35%.
- Experience with developing complex software systems scaling to millions of users with production quality deployment, monitoring, and reliability.
- Installed containerized applications using **Docker** and **Kubernetes**, with more scalability and less infrastructure costs by 20% by efficiently utilizing cloud resources on AWS.

Education

University of North Texas, Denton, TX   **05/2024**
Masters in Computer Science   **GPA : 3.8/4**

Projects

E-Commerce Web Application

- Constructed fully responsive e-commerce platform with product listing, cart, and checkout functionalities.
- Integrated Stripe **API** for seamless payment processing and order management.
- Implemented role-based access for admin and customer views using **Angular** guards and **Spring** Security.
- Reduced page load time by 25% using lazy loading and efficient state management with RxJS.

MediCon – Healthcare Appointment & Management System

- Created a healthcare management platform enabling patients to book appointments, consult doctors, and access medical records online.
- Built a secure and scalable backend with **Spring Boot** and **PostgreSQL**, ensuring HIPAA-compliant data handling through advanced encryption and access controls.
- Designed a responsive **Angular** frontend with intuitive role-based dashboards, improving user engagement by 25% and reducing average task completion time by 40%
- Deployed the system on **AWS**, using **S3** for document storage and **EC2** for scalable hosting.