Sri Hari G

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EDUCATION

University of North Texas   Denton, TX
Master of Science in Data Analytics - GPA: 4.0   Aug 2022 - May 2024
Courses: Application and Deployment of Data Analytics, Software Engineering,Big Data Analytics, Cloud Computing.
JB Institute of Engineering and Technology   Hyderabad, IND
Bachelor of Technology in Computer Science- GPA: 7.5   Jul 2018 - Jul 2022

WORK EXPERIENCE

Teladoc Health   New York City, NY
Software Engineer   Oct 2023 – Present
- Designed scalable microservices to process 5M+ health data records monthly, leveraging Java, Spring Boot, and AWS.
- Developed APIs for telemedicine features, reducing latency by 25% and increasing appointment booking efficiency by 30%
- Spearheaded migration of legacy systems to AWS, ensuring 99.99% uptime and reducing operational costs by 25%.
- Implemented robust CI/CD pipelines with Jenkins and Docker, slashing deployment times from 2 hours to 30 minutes.
- Automated data analytics pipelines, processing over 1 TB of healthcare data daily with Python and AWS services.
- Improved application performance by 40% through peer code reviews and optimization of caching and database queries.

Vara Systems Inc   Farmers Branch, TX
Backend Engineer   Jan 2023 - Sep 2023
- Enhanced application systems, reducing query response time by 30% by optimizing backend logic in Java and Spring Framework.
- Built containerized microservices using Docker, Kubernetes, achieving seamless integration and reducing service downtime by 20%.
- Deployed scalable AI solutions on AWS, achieving 99.9% uptime for production systems.
- Collaborated with cross-functional teams using Agile, implementing JIRA workflows to track and resolve over 150+ tasks per sprint.
- Designed an event-driven architecture with RabbitMQ, improving system resilience and reducing operational bottlenecks by 15%.

Locus Elite   Hyderabad, India
Software Developer   Sep 2020 - Jul 2022
- Developed a real-time fraud detection system for financial services, analyzing 100K+ transactions daily with Kafka and ElasticSearch.
- Developed a claims management module processing 500+ claims daily, ensuring regulatory compliance and accuracy.
- Designed RESTful APIs for payment processing and loan management systems, serving over 10k daily requests with 99.9% reliability.
- Implemented APIs for an e-commerce platform, automating 85% of manual workflows and boosting operational efficiency.
- Optimized database queries and caching strategies, enhancing platform performance by 30%.

PROJECTS

Expense Tracking Application
- Built **Spring Boot** API with MySQL for secure and efficient CRUD operations, decreasing expense tracking errors by **25%.**
- Utilized **MySQL** with **JPA/Hibernate** for efficient database interactions, handling daily transactions.
- Implemented secure **JWT authentication** and analytics-driven filtering to provide actionable user insights.

E-Commerce API Platform
- Developed RESTful APIs for users, cart operations, and payment gateways, achieving **99.9% reliability** in transaction handling.
- Enhanced database operations using **Postgres**, ensuring data integrity and improving performance by 20%.
- Integrated **Stripe Payment Gateway**, processing secure transactions with zero payment failures during testing.

Patient Scheduling Appointment Application
- Developed RESTful APIs with Java and Spring Boot, streamlining patient appointment bookings.
- Designed service and repository layers to manage patients, providers, and appointments with clear business logic separation.
- Built React-based dynamic UI components, improving user satisfaction scores by 15% while adhering to **high-quality standards**.

TECHNICAL SKILLS

- **Programming Languages:** Java 17,C/C++, JavaScript, SQL,HTML5, CSS3.
- **Technologies & Frameworks:** Spring Boot, Hibernate, J2EE, JPA, React, Docker, Kubernetes, Jenkins, Kafka.
- **Databases & Cloud** : MySQL, Oracle 11g, MongoDB, AWS(S3, EC2, RDS), Microsoft Azure.
- **Developer Tools:** Git,GitHub,IntelliJ, VS Code, Maven, Swagger, Postman, JUnit, CI/CD Pipelines, JIRA,Microservices, AI/ML, Mockito, RabbitMQ, REST API, OOPs,Natural Language Processing (NLP), Gradle, Spring MVC, TDD, Agile (Scrum), SDLC.
- **Certifications:**
    - AWS Certified Developer – Associate (DVA-C02)
    - Microsoft Certified: Azure Fundamentals (AZ-900)
    - Postman API Fundamentals Expert