NAGARJUNA GUJJULA

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PROFESSIONAL SUMMARY

Java Full Stack Developer with more than **5 years** of experience designing and developing web-based enterprise applications in **Java, JSP, HTML, Spring Boot,** and **RESTful APIs**. Strong background in software architecture, database administration, and system analysis, with shown success in **microservices**, **cloud deployment**, and full-stack solutions. Skilled in troubleshooting complex systems, optimizing performance, and creating clean, well-documented, and testable code. Strong knowledge of **Struts MVC, Spring MVC, Spring WebFlow, and ReactJS.** Experienced with **AWS** and **Azure, version control (Git), continuous integration and delivery (Jenkins, Maven)**, and usability and accessibility standards.

TECHNICAL SKILLS

Languages	Java 17, TypeScript, JavaScript (ES6+), SQL, Python (scripting)
Frontend	React.js, Angular 12+, Redux, HTML5, CSS3, Bootstrap, Tailwind, AJAX, JSON
Backend	Spring Boot, Spring MVC, Spring Security, Hibernate, JPA, JSP, Servlets, REST, SOAP
Microservices	Spring Cloud, Eureka, Feign Client, API Gateway, Kafka, RabbitMQ
Databases	MySQL, PostgreSQL, MongoDB, Oracle, DynamoDB
Cloud Platforms	AWS (EC2, S3, Lambda, RDS, API Gateway), Azure (ADF, App Service), GCP (GKE, Big Query)
DevOps & Tools	Jenkins, GitLab CI/CD, Docker, Kubernetes, Maven, Gradle, Terraform, ArgoCD
Version Control	Git, GitHub, GitLab, Bitbucket
Testing & Monitoring	JUnit, Mockito, Postman, Swagger, Prometheus, Grafana, Splunk
Other Tools	IntelliJ, VS Code, JIRA, Confluence, Eclipse

EXPERIENCE

Redwood Credit Union   Napa, California, USA | May 2024 – Present
Java Full Stack Engineer
- Analyzed and defined business requirements, system flows, and data structures for financial applications.
- Designed, developed, and maintained web-based applications using **Java, JSP, Spring Boot, and JSTL**.
- Implemented **REST APIs** for cross-system integration and data synchronization.
- Conducted peer code reviews, system testing, and QA validation, ensuring production readiness.
- Created technical documentation and user guides to align with enterprise system specifications.
- Deployed and monitored services using **AWS EKS and Azure AKS**, optimizing scalability and uptime.
- Enhanced software performance through query optimization, caching, and resource tuning.

Comerica Bank   Los Angeles, CA, USA | December 2022– February 2024
Software Engineer
- Designed and implemented **enterprise Java web applications** integrating **Spring MVC**, **JSP**, and **Oracle DB**.
- Worked with stakeholders to analyze business requirements and translate them into system designs.
- Developed functional and technical specifications for new application features.
- Utilized **HTML5, CSS3, JavaScript, and JSON** for responsive UI development.
- Conducted unit, integration, and system testing using **JUnit** and **Mockito**.
- Participated in **peer code reviews** and implemented code refactoring for maintainability.
- Supported **AWS deployments**, performance monitoring, and production troubleshooting

PWC Acceleration centre (Goldman Sachs)   Hyderabad, India | August 2021 – August 2022
Full Stack Java Developer
- Designed, developed, and tested **JSP-based web interfaces** with **Spring Boot and Hibernate** backends.
- Wrote and maintained **SQL queries**, stored procedures, and schemas in **Oracle and MySQL** databases.
- Implemented **REST and SOAP** services for internal and third-party integrations.
- Conducted **system analysis** to define data mappings and transformation logic between services.
- Automated build and deployment processes using **Maven** and **Jenkins CI/CD pipelines**.
- Provided **post-deployment support** and collaborated with end-users to resolve technical issues.

All State   Hyderabad, India | June 2020 – June 2021
Java Developer
- Developed **Java web applications** using **Spring Boot, JSP, and Servlets** for insurance systems.
- Ensured adherence to **enterprise coding practices** and **accessibility standards**.
- Integrated **GraphQL** and REST APIs for data retrieval and manipulation.
- Troubleshot performance bottlenecks using profiling tools and optimized system response times.
- Conducted **parallel testing, QA validation**, and post-implementation support.

EDUCATION

Master of Science in Computer Science - Dec 2024	California State University **- Sacramento, California, USA**
Bachelor of Science in Computer Science – May 2022	KL University **-** *Vaddeshwaram, Andhra Pradesh, India*

PROJECTS

Library Assistant for Visually Impaired People (Python, PyQt5, YOLOv5, tesseract, pyttsx3**)** **Github**
- Developed an AI-powered library assistant leveraging YOLOv8 object detection, OCR, and offline speech synthesis to identify books in real-time and read text aloud, enabling visually impaired users to interact with physical books through voice-based commands.
- Engineered a voice-activated interactive workflow with multi-stage video frame processing, book title recognition, and page-turn detection, improving reading accessibility and autonomy for visually impaired users in educational and library environments.

Grocery App (Kotlin, Android Studio, Firebase Authentication, Glide**)** **Github**
- Developed a feature-rich mobile grocery application using Kotlin and Android Studio, implementing product catalog browsing, smart cart management, and secure checkout workflows with Firebase backend integration.
- Integrated voice search, barcode scanning, and real-time inventory updates, enhancing user shopping experience and enabling seamless product discovery and order tracking for end-users.

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate**
- **Azure Certified Azure Developer – Associate**
- **Deep Learning Specialization from Deeplearning.ai**
- **Machine Learning Specialization from University of Michigan**