

SRI GORANTLA

Cary, NC | gorantlasriranga@gmail.com

Associate Manager (Zifo) · LIMS Specialist (LabVantage, Benchling) · Senior Software Developer

EDUCATION

Ph.D., Artificial Intelligence — University of the Cumberlands	May 2025–Present
M.S., Computer Science — University of Akron, Akron, OH	May 2022
B.Tech, Computer Science & Engineering — Bapatla Engineering College, India	Sep 2020

EXPERIENCE

Zifo — Associate Manager (Client: Regeneron)	2026–Present
- Promoted to Associate Manager while engaged at Regeneron through Zifo in a Benchling Center of Excellence role, defining configuration standards, governance, and adoption patterns for Benchling in a regulated environments. - Own the full SDLC: requirements, workflow configuration, Groovy customization, instrument integration, UAT, deployment, and stakeholder demonstrations. - Leads the PMPD department's Databricks onboarding; building BenchBuddy, a Benchling-centered AI assistant with Regeneron-aware context and Jira/Confluence integrations (LangGraph, RAG, MCP). - Helps Zifo scale its AI services practice, bringing GenAI and MLOps patterns from client engagements into reusable offerings.	
Q9Software LLC — Senior Software Developer, Cary, NC	May 2022–2026
- Lead technical consultant for Corteva Agriscience, Greenlight Biosciences, Natera, and Exact Sciences. - Corteva Agriscience: led LIMS design and development for seed testing, plant breeding analytics, and agrochemical research; established enterprise master-data governance. - Greenlight Biosciences: primary onsite technical contact; delivered end-to-end LIMS for RNA production and bioprocess, Formulations and experiment-tracking modules, Groovy automation, BarTender labeling, REST APIs, Snowflake ETL, and SSO/SAML via Okta. - Natera: configured LabVantage for a high-complexity CLIA laboratory, including prenatal and oncology workflows, 21 CFR Part 11 / CLIA / CAP controls, NGS integrations, and JasperReports. - Exact Sciences: automated instrument data capture for colorectal cancer screening assays; built LabVantage-to-Snowflake ETL and secure REST/SOAP integrations. Trained and deployed ML models for diagnostic prediction, QC automation, and anomaly detection. - Shipped production GenAI at client sites: Greenlight's "Genie" conversational platform over scientific databases (MCP servers, LibreChat) and Corteva's Master Data AI POC for natural-language test-method creation and validation.	
University of Akron — Graduate Teaching Assistant	Jan 2021–May 2022
Taught Algorithms, Data Structures (C++), and Applied Machine Learning.	
IcoreInfotech — Software Engineer, Hyderabad, India	May 2019–Jan 2021
Built React/Redux front ends; Python/Django and Node.js/Express services; and CI/CD workflows with Jenkins and Docker.	

TECHNICAL SKILLS

LIMS & Lab Systems: LabVantage v8.5/v8.8 (Designer, Groovy, Workflows, Formulations, SDMS, Stability), ELN, instrument integration, JasperReports, BarTender; 21 CFR Part 11, CLIA, CAP, GxP, CSV, IQ/OQ/PQ

Languages: Python, Java, Groovy, SQL, JavaScript, TypeScript, R

Data Engineering: SQL querying, data wrangling, Snowflake, Airbyte, Coalesce, Azure Data Factory, Databricks, ETL/ELT pipelines, Power BI

AI/ML: LangChain, LangGraph, RAG, vector databases, MCP integrations, Azure ML, computer vision, NLP, TensorFlow, PyTorch, scikit-learn

Cloud & DevOps: Azure, AWS, Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions)

Web & APIs: React, Angular, Streamlit, Django, Flask, REST, GraphQL, SOAP