# LASYA GANTI

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## EDUCATION

**University of Florida,** Warrington School of Business **Dec 2025**
***Master of Science in Information Systems and Operations Management*** **(**Data Science Concentration**)** Gainesville, Florida

**Chaitanya Bharathi Institute of Technology** **Oct 2020**
***Bachelor of Engineering*** Hyderabad, India

## TECHNICAL SKILLS

**Languages**: Java, NodeJS, Python, SQL,HTML.
**Tools and Frameworks**: Git, Docker, Kubernetes, Google cloud ,MS Office, Hybris, Spring MVC, SpringBoot, Jira, Confluence, Microsoft Excel, Tableau , Splunk , Pandas
**Databases**: Oracle DB, MongoDB, MySQL, PostgreSQL, Cassandra

## EXPERIENCE

**Deloitte USI, *Business Technology Analyst*** **Jan 2021 - Dec 2023**

- Constructed Java-based microservice for NFT transactions, increasing transaction volume by 20%, system scalability by 30%, and deployment efficiency by 25%.
- Constructed 3 microservices to streamline consumer data processing through AWS pipelines leveraging Java and Spring Boot, pushed 1TB of consumer data, attaining a 40% reduction in data processing time. Implemented a failover mechanism with 100% data transfer reliability.
- Optimized 15 enterprise-level backend Java APIs using Hybris, resulting in a 40% improvement in system efficiency and performance for critical business applications. Reduced the application's response time from 5 seconds to less than 1 second.
- Attained a 90% customer satisfaction rate by resolving production issues within 15 minutes, resulting in a 50% reduction in downtime and addressing 80% of production-time bugs within 1 hour.
- Implemented Java Backend APIs using Hybris, supported UAT and SAT phases, resolved production bugs, enhanced code quality by 15%, implemented 20 automated tests achieving 95% pass rate.
- **Awarded** with **Roaring Rookie** and **Outstanding Employee** Awards at Deloitte.

**Research Centre Imarat, *Intern*** **May 2020 - July 2020**

- Completed a four-week internship on DC power supply design and switching regulators at RCI and DRDO.
- Gained practical knowledge of industry-standard tools and techniques by collaborating with a team of engineers.

## ACADEMIC PROJECTS

**Financial Data Analysis of historic stock data *(Python & Libraries – Matplotlib, yfinance NumPy, Pandas)*** **April 2024-May2024**

- This project analyzes historical stock price data for NVIDIA (NVDA) using technical indicators like Moving Averages, RSI, and Bollinger Bands to identify trends and potential buy/sell signals. It includes data collection, cleaning, visualization, and reporting of key findings.

**An Improved AC Decoupling Transformer less Photovoltaic Inverter with CMV Clamping for Leakage Current Suppression** **Jan 2020 - April 2020**

- Conducted comparative analysis of photovoltaic inverter topologies, identifying a 50% reduction in leakage current suppression between galvanic isolation-only and CMV clamped designs.
- Engineered a modified HERIC topology for AC-side decoupling, achieving complete leakage current elimination and 15% higher efficiency than the H6 family. Published findings in peer-reviewed journals, demonstrating strong technical writing skills and contributing to academic knowledge.

**Analysis of Symmetrical Faults in Power Systems Using MATLAB August 2019 - December 2019**

- Utilized MATLAB to calculate various parameters of power systems during fault times, achieving 93 percent accuracy.
- Conducted a detailed analysis of power system behavior during fault conditions at 15 network points, producing a comprehensive report and provided critical insights for revamping power systems engineering practices.

## LEADERSHIP EXPERIENCE

**CBIT, Placement Coordinator** **Jan 2019 - Dec 2020**

- Coordinated placements for 100+ EEE students, increasing job placements by 20% and exhibiting strong communication.

**Street Cause E-Force, Executive Board Member** **Jan 2019 - Dec 2019**

- Served in a state level student-run NGO, displaying social responsibility and community engagement. Evaluated projects at SHRISHTI, an intra-city science fair, providing feedback to enhance project quality and impact.