

Liana Severo

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SUMMARY

Software engineer specializing in Full-Stack and Data Engineering, with experience building large-scale data ingestion pipelines, cloud-native applications, and AI-integrated systems. Proven ability to deliver scalable solutions using Python, SQL, ReactJS, TypeScript, FastAPI, and Azure/GitLab CI/CD.

EXPERIENCE

- **Deloitte** Orlando, FL
Cloud Native Engineer May 2025 - Present
 - Designed and developed data ingestion and automated data processing workflows using ReactJS and Python to support AI-driven code generation services, improving data reliability and reducing manual processing by as much as 40%.
 - Implemented full-stack features across a cloud-native architecture, integrating React frontends, FastAPI services, and AI inference endpoints to streamline end-to-end user workflows.
 - Engineered CI/CD pipelines in Gitlab, automating testing, container builds, and deployments across Kubernetes/OpenShift environments, reducing deployment time from hours to minutes.
- **Microsoft** Redmond, WA
Software Engineer December 2020 – September 2024
 - Delivered cross-platform full-stack development on Excel's External Links taskpane using React Native, C++, and Typescript, improving reliability and feature discoverability for millions of users.
 - Built interactive Power BI dashboards and authored complex KQL queries to analyze large-scale telemetry data, enabling data-driven decisions across the team.
 - Led validation, testing, and telemetry expansion for the Automatic Data Conversion project, analyzing large-scale user datasets and reducing false-positive conversion events through targeted fixes.
 - Independently redesigned and implemented enhancements to Excel's Center Across Selection feature across desktop and web, contributing fully in C/C++, C#, and Typescript, and improving user experience across platforms.
- **JPMorgan Chase** Tampa, FL
Software Engineering Intern June 2020 – August 2020
 - Developed a full-stack financial literacy training platform using Java Spring Boot, React, AWS, and PostgreSQL, implementing data models and SQL queries to support dynamic user content and reporting.
 - Implemented REST APIs, database schemas, and front-end UI components that streamlined user workflows and reduced administrative overhead for the organization.

PROGRAMMING SKILLS

- **Languages:** Python, SQL, C#, C++, Java, JavaScript, Typescript, \LaTeX
- **Frameworks/Tools:** ReactJS, NodeJS, Express, PostgreSQL, Git, Azure DevOps, Agile Methodologies

EDUCATION

- **University of Central Florida** Orlando, FL
Bachelor of Science in Mathematics, Minor in Computer Science August 2020

PERSONAL PROJECTS

- **PixelMart** A full-stack marketplace for digital products, built with React, Typescript, Node.js, Express, and PostgreSQL, featuring custom SQL queries and data ingestion workflows. [Github Link](#)
- **Modibot Project:** Open-source Discord bot using Python and the Discord.py library. [GitHub Link](#)
- **Hackathon Projects:** Achieved top placements for innovative solutions. [Devpost Profile](#)