Liana Severo

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SUMMARY

Software engineer with expertise in Full Stack Development, CI/CD pipelines, Agile methodologies, as well as Data Engineering and large scale data ingestion. Proven track record of delivering scalable solutions and impactful user experiences using ReactJS, Python, SQL, Typescript, and Azure DevOps.

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.
  - Led validation, testing, and telemetry expansion for the Automatic Data Conversion project, analyzing large-scale usage data 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.
  - Drove high-quality engineering practices through Azure DevOps by conducting code reviews, writing robust automated tests, and participating in ring-based deployment cycles for smooth feature rollout.

- **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, enabling improved onboarding and education for nonprofit program participants.
  - 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 marketplace for digital products, built with React, Typescript, Node.js, Express, and PostgreSQL. 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