

# Liana Severo

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## SUMMARY

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Software engineer with expertise in full-stack development, CI/CD pipelines, and Agile methodologies. Proven track record of delivering scalable solutions and impactful user experiences using Typescript, React Native, C++, Java, and Azure DevOps. Skilled in collaborating with cross-functional teams to drive innovation and efficiency.

## EXPERIENCE

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- Microsoft** Redmond, WA  
*Software Engineer* *December 2020 – September 2024*
  - Developed a taskpane for Excel's External Links feature using React Native, TypeScript and C++.
  - Contributed to the Automatic Data Conversion Project by focusing on validation, testing, telemetry, and user data analysis, providing users control over Excel's automatic data conversions.
  - Independently redesigned the Center Across Selection button in the Merge and Center menu for both desktop and web versions of Excel. Delivered full-stack development using C/C++, C#, and TypeScript.
  - Created interactive Power BI dashboards to visualize and analyze feature usage, driving data-driven decisions.
  - Leveraged Azure DevOps for task planning, code reviews, and managing automated test pipelines. Utilized Git for version control, reviewed team members' code, and developed comprehensive test cases for my own contributions.
  - Participated in a staged CI/CD deployment model, rolling out new features to internal testing rings before public release.
- JPMorgan Chase** Tampa, FL  
*Software Engineering Intern* *June 2020 – August 2020*
  - Built a Networking and Training web app for a Financial Literacy nonprofit using Java Spring Boot, React, AWS, and PostgreSQL.
  - Collaborated with a team to deliver a production-ready project as part of JPMorgans Code For Good initiative.
- CDK Global** Seattle, WA  
*Software Engineering Intern* *Summer 2018 & Summer 2019*
  - Developed web back-end tools in Java 8 and Spring Boot to automate customer lead submission processes for sales associates in dealerships around the world.
  - Built an internal web app for data transparency, utilizing Angular and Oracle SQL.
  - Applied Agile methodologies, DevOps processes including monitoring, logging, and code review, and used tools like Jira and Maven.

## PROGRAMMING SKILLS

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- Languages:** Python, C#, C++, Java, JavaScript, Typescript, SQL,  $\text{\LaTeX}$
- Frameworks/Tools:** React, Node.js, Express, PostgreSQL, Git, Azure DevOps, Agile Methodologies

## EDUCATION

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

## PERSONAL PROJECTS

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- 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