

RODRIGO CID LOPES

MIAMI, FL • (954) 329-8645 • RODRIGOCIDLOPES@GMAIL.COM • [GITHUB](#) • [LINKEDIN](#)

EDUCATION:

Florida International University

Bachelor of Science, Computer Science

- GPA: 3.6

Miami, FL
Expected Dec 2024

University of Florida

Bachelor of Science, Economics

Gainesville, FL
Dec 2021

PROFESSIONAL EXPERIENCE:

Ford Motor Company

Full Stack Software Engineer Intern

Dearborn, MI
May 2024 - Aug 2024

- Deployed an enterprise Spring Boot application to enforce data privacy laws, including CPRA, ensuring organizational compliance and securing sensitive data across multiple platforms.
- Designed and implemented a GCP Cloud Scheduler job to automate data privacy compliance, cross-referencing over 4 million database records and processing access and delete requests through REST API calls.
- Implemented CI/CD pipelines using Tekton Ecoboost to automate the build, test, and deployment processes, improving deployment efficiency and reliability.
- Served as the single point of contact between teams, coordinating project efforts and onboarding new team members to maintain project momentum.
- Developed a comprehensive testing suite with 30+ unit and integration tests, utilizing mocked REST calls to validate functionality and maintain high code quality standards.
- Maintained a full-stack Spring Boot and Angular application used company-wide by 180,000 employees.

Ultimate Kronos Group (UKG)

Full Stack Software Engineer Intern

Weston, FL
Aug 2023 - Apr 2024

- Led the development of a work and PTO calendar page, including designing mockups and iterating on them based on stakeholder feedback, improving scheduling transparency and employee time management within the organization.
- Migrated an Azure database to Databricks, reducing page load times by 50%, significantly improving end-user experience.
- Implemented and maintained CI/CD pipelines using Kubernetes and GitHub Actions, ensuring seamless and efficient deployment processes.
- Developed upon a full-stack internal tool utilizing C# and Razor, enhancing the operational efficiency of internal workflows.
- Developed and enhanced payroll localization and accessibility features in UKG Pro, a HCM platform used by over 12,049 companies, leveraging the .NET framework and C# to ensure compliance with UKG payroll regulations and standards.
- Optimized complex SQL queries using Microsoft SQL Server, resulting in up to a 20% reduction in report generation time, significantly improving database query performance and overall system efficiency.
- Collaborated within a Scrum framework to deliver localization solutions on time, participating in daily stand-ups and sprint planning meetings to align development efforts with project goals.
- Coordinated with Quality Assurance (QA) and Business Analysts (BAs) to define user stories, refine acceptance criteria, and ensure comprehensive unit testing, leading to more effective Scrum development cycles.

Google

Lead Full Stack Software Engineer (Student) - Tech Exchange

Mountain View, CA
Jan 2023 - May 2023

- Led a team of 3 engineers to create a dynamic wiki website, demonstrating strong leadership and understanding of Git, Bash, and version control.
- Used Python and Flask to implement a backend that dynamically retrieves data from Google Cloud Storage, App Engine.
- Designed 30+ automatic unit tests integrated into a CI/CD pipeline that include file I/O mocking.

SKILLS:

- **Programming Languages:** C#, Java, Python, Javascript, SQL, R, HTML5, CSS3
 - **Technologies:** .NET, Angular, Spring Boot, GCP, Azure, Tekton, SUnit, React, Flask, Jinja, Sass, Express.js, Node.js
 - **Tools:** Scrum, Jira, Agile, VSCode, Visual Studio, Postman, Git, Github, BitBucket, Figma, PowerBI, Tableau
 - **Involvement:** Init FIU, Google Developer Student Club
 - **Relevant Coursework:** Machine Learning, Software Testing, Computer Architecture, Database Systems, Software Engineering, Applied Data Structures, Careers in Tech, Software Development Studio, Programming 1-2, Discrete Structures, C++ Prog., Econometrics 1-2, Calculus 1-3, Linear Algebra, Differential Equations.
-