

CARLO G YANNUZZI

SOFTWARE ENGINEER

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[CARLOGY.DEV](https://github.com/CARLOGY)

[WWW.GITHUB.COM/CARLOGY](https://www.github.com/CARLOGY)

Software Engineer with a rare arc spanning Product Management, QA, and full-stack development — all within a production fintech environment. I bring engineering rigor, business context, and automation depth to every layer of the SDLC, with a track record of building frameworks and pipelines that measurably improve team velocity and software quality.

SKILLS & ABILITIES

Tech Stack: Go | TypeScript | JavaScript | Python | PostgreSQL | MSSQLServer | CSS | HTML | Angular | SASS | React | Tailwind CSS | Docker | CI/CD | Git | GitHub | Chrome Dev Tools | Bash | Prettier | ESLint | Vite | Postman | PlayWright

Product Management: Cross-function Team Leadership | Strategic communication | Market Delivery | Product Launch | Agile Methodology | Software Development Lifecycle

PROJECTS

Playwright-BDD Enterprise Automation Framework *TypeScript | Playwright | GitHub Actions | Jenkins*

Architected and deployed a production-grade BDD test automation engine validating a complex financial services platform across 11+ business domains and 26 authenticated API roles. Engineered a Dynamic Role Registry and Service Object Model to eliminate boilerplate, ensuring zero infrastructure changes are required for new role integration. Key features include custom Playwright fixtures for multi-role authentication, bearer token caching, parallel multi-project execution, and a built-in VitePress documentation site with Allure reporting.

Test Plan Builder *GO*

<https://github.com/carlogy/TestPlanMaker>

A command-line interface application in Go that captures test plan details and generates a markdown file in a designated directory for efficient documentation.

Article detailing design choices: <https://dev.to/1carlogy/heres-why-a-newbie-is-raving-about-code-5e5o>

EXPERIENCE

SDET Engineer/ Junior Developer

Jacksonville, FL

SS&C Technologies

09/2024 – Present

- Implement small-scale bug fixes and new features in the production code base.
- Design and integrated CI/CD pipelines for automation codebases utilizing GitHub Actions to automate and accelerate test suit execution.
- Architected and led adoption of authentication state reuse in UI automation suite reducing average test times by 45 seconds per test.
- Research and prototype a scalable API automation framework to enhance test extensibility and minimize maintenance overhead.

Software QA Engineer

Jacksonville, FL

SS&C Technologies

01/2024 - 09/2024

- Wrote test validation scripts utilizing Python, JavaScript, SQL, and Postman to validate API responses improving test efficiency
- Championed improvements to Agile ceremonies by collaborating with engineering and product management. Streamlining the development and acceptance experience of sprint items. Driving a more collaborative and morale-boosting development environment for the team.
- Collaborated with Scrum team members, including product managers, software engineers, and designers to complete sprints and deliver high-quality software releases on time.
- Designed and executed comprehensive test plans contributing to a significant decrease in post-release bugs.

Product Manager

Jacksonville, FL

SS&C Technologies

06/2019 – 12/2023

- Provided guidance and mentorship to junior peers with product development practices and as a subject matter expert on the platform and utilization of various technologies such as SQL/MongoDB and chrome developer tools.
- Led a cross-functional Scrum team in development and enhancements of essential applications within the SS&C Black Diamond Wealth Solutions platform.
- Built a strategic product roadmap that balanced feature development, with technical debt reduction, resulting in the delivery of highly stable and innovative applications.
- Spearheaded the design and implementation of a comprehensive product launch framework resulting in accelerated time-to-market and increased customer satisfaction rates.

EDUCATION

University of North Florida

Jacksonville, FL

M.S. Management

2018

University of North Florida

Jacksonville, FL

B.S. Exercise Physiology

2016