Katherine Guarnizo

guarnizo.katherine.5@gmail.com
908.342.3268
New York, NY

[LinkedIn](#)
[Portfolio](#)
[Github](#)

Software engineer with a background in fashion as a Product Developer, combining creative and analytical skills to deliver innovative solutions. Proudly trained in full stack development at Ada Developers Academy, with hands-on experience as an intern at Oracle.

SKILLS

Languages & Databases: Python, Java, JavaScript/ TypeScript, HTML/ CSS, PostgreSQL, MySQL
Libraries and Frameworks: React, Bootstrap, Jest, Flask, Django, pytest, Spring, Junit
Tools and Deployment: Git, Postman, Github, BitBucket, Jira, Confluence, Render, Netlify

---

EXPERIENCE

Oracle | Seattle, WA | March 2024 - August 2024

Software Engineer Intern - Limits Team

- Developed and integrated an API to retrieve data using Java and Spring, while updating the YAML specification, optimizing data access and integration between backend and UI.
- Built and enhanced UI features for an internal portal of a tier-zero service using TypeScript and React, prioritizing the customer perspective by adding functionalities such as create, edit, and delete.
- Reduced data entry errors by 70% through the implementation of input validation and warnings, improving user experience and ensuring data integrity.
- Achieved 80% code coverage through comprehensive unit testing with Jest and JUnit, enhancing codebase maintainability and reliability.

Ada Developers Academy | Seattle, WA (remote) | February 2023 - January 2024

Software Engineering Student

- Engineered and architected a TypeScript and React web application for efficiently retrieving lab test data, featuring responsive design for enhanced usability. Utilized PostgreSQL to store and retrieve over 100 lab test records from external CSV files and implemented a search feature with useState for state management and the filter method for efficient querying.
- Designed and developed an inspiration board web application enabling users to create, edit, and delete cards on selected boards. Handled API validation errors when catch block is triggered by updating state with error data and rendering appropriate error messages. Implemented the backend in Python using Flask, adhering to RESTful API principles.

ADDITIONIAL EXPERIENCE

Gap Inc. | New York, NY | February 2022 - January 2023

Assistant Product Developer Manager - Women's Apparel

- Managed the global production of Outlet Women's tops, skirts and dresses.
- Spearheaded cost discussions with leadership, comparing current costs to previous seasons and targets.
- Achieved 80% IMU cost target through vendor re-negotiations and identifying cost savings.
- Implemented dual sourcing strategies to overcome vendor capacity limitations and optimize vendor cost.
- Coordinated with cross functional teams to prevent liabilities and delivery issues during production.

EDUCATION

Ada Developers Academy | February 2023 - January 2024

Software Engineering Certificate

Fashion Institute of Technology, State University of New York

Bachelor of Science Degree, Fashion Merchandising and Management—Product Development specialization