

Katherine Guarnizo

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EXPERIENCE

Oracle

Seattle, WA

Software Engineer Intern - Limits Team

Mar 2024 - Aug 2024

- Received a full-time return offer requiring relocation to Seattle; opted to pursue East Coast opportunities instead.
- Developed and integrated an API to retrieve data using Java and Spring Boot, while updating the YAML specification, optimizing data access and integration between backend and UI.
- Built and enhanced UI features for an internal tier-zero service portal using TypeScript and React.js, focusing on user needs by implementing functionalities such as create, edit, and delete.
- Achieved over 75% reduction in data entry by introducing input validation and warnings, enhancing user experience and ensuring data integrity.
- Attained 80% code coverage through comprehensive unit testing using Jest and JUnit, improving code maintainability and reliability.

PROJECTS

MedLab Help

Tech Stack: Python, Django, PostgreSQL, TypeScript, React.js, Bootstrap, HTML/ CSS

- Engineered a TypeScript and React.js web application to efficiently retrieve medical lab test data, featuring a responsive design for enhanced usability. Utilized PostgreSQL to store and manage over 100+ lab test records from external CSV files and implemented a search feature for efficient querying.

Inspiration Board

Tech Stack: Python, Django, SQLAlchemy, PostgreSQL, JavaScript, React.js, HTML/ CSS

- Designed and developed a full-stack web application that allows users to create, edit, and delete inspiration cards on selected boards. Implemented the front-end with JavaScript and React.js, while the back-end was built with Python using Flask, adhering to RESTful API principles.

ADDITIONAL EXPERIENCE

Gap Inc.

New York, NY

Assistant Product Developer Manager - Women's Apparel

Feb 2022 - Jan 2023

- Managed the global production of Outlet Women's tops, skirts and dresses.
- Achieved an 80% IMU cost target through vendor re-negotiations and identifying cost savings.
- Implemented dual sourcing strategies to address vendor capacity limitations and optimize vendor cost.
- Coordinated with cross functional teams to mitigate liabilities and delivery issues during production.

TECHNICAL SKILLS

Languages & Databases: Python, Java, JavaScript, TypeScript, HTML/ CSS, PostgreSQL, MySQL

Frameworks & Libraries: React.js, Spring, Django, Flask, Bootstrap, Jest, JUnit, pytest

Methodologies & Practices: Agile, TDD, OOP, RESTful APIs, Pair Programming

Tools: Git, GitHub, BitBucket, Postman, Maven, Jira, Confluence

EDUCATION

Ada Developers Academy

Jan 2024

Software Engineering Certificate

Fashion Institute of Technology, State University of New York

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