ENZO FALONE

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EDUCATION

Florida International University – Miami, FL   Expected Graduation May 2025
Bachelor of Science in Computer Science

SKILLS & CERTIFICATIONS

- Languages: Java, C++, Kotlin, JavaScript, TypeScript, Lua, Python, SQL, Dart, C#.
- Tools & Frameworks: Git, React.js, Express.js, Angular, Jest, PostgreSQL, Node.js, Heroku, Azure DevOps, Flutter, Google Firebase, Docker, Kubernetes, JIRA, Redux, NgRx, Redux, .NET, GraphQL, Zephyr.

EXPERIENCE

Illinois Tool Works - Software Developer Intern | Fort Lauderdale, FL   May 2023 – August 2023
- Took part on the new company's platform for construction and structural engineers migrating its legacy software into a new modern design and architecture on the web.
- Engineered stories within a microservice architecture using **GraphQL** and **.NET**. Connected to the frontend using **Angular** and **Redux**.
- Communicated bugs. Wrote tests using **Jest**. Proposed stories to Product Owners for fine tuning different parts of the software.

Workday - Full Stack Developer Intern | Remote   June 2022 – August 2022
- Selected into a cohort of **35 interns out of 1800 applicants** into CodePath's SITE program, an intense 10-week internship focused in full stack development including: Front-end, back-end, testing, design, and deployment.
- Led, planned, and developed within a **team of 3** a 4-week MVP in an Agile setting using **PostgreSQL**, **Express.js**, **React.js**, and **Node.js** to help small business owners have an easy and efficient way to manage auto shop inventories.
- Performed and led daily standups, sprints, wrote and assigned tickets in backlog.

LEADERSHIP & AFFILIATIONS

CodePath.org - Tech Fellow | Remote   January 2023 – Present
- Participated in the Spring and Summer 2023's cohort of **CodePath Connected Classrooms** by teaching and helping students in the Intermediate Web Development course and Intro to Software Engineering course.
- Selected as a React Tech Representative helping students in Web Development courses on a daily basis receiving **30+** submissions in positive feedback.

PROJECTS

Inventory Management System | Team of 3   GitHub | View Project
- Led and developed within a team of 3: Inventory management system for small automotive businesses that use pen and paper and want to go digital in four weeks. **(PostgreSQL, Express.js, React.js, Node.js, Google Cloud, Heroku)**
- Enhanced production website loading times by **30%** by debugging and implementing strategies such as lazy loading, caching **HTTP** responses, and make use of useCallback/useMemo hooks.
- Engineered **CRUD** features for teams, inventories, and items. Designed a customizable **authorization system** for team members in both back-end and front-end. Practiced **database normalization** for reducing data duplication.

Converge | Team of 11   Github | View Project
- Participated in the INIT Build program at the INIT club at FIU creating Converge in a period of 10-weeks, a social media application to help international students from Florida International University find and create events **(Flutter, Google Firebase, Google Firestore, Azure DevOps)**
- Contributed creating data models and communicating data to and from **Google Firestore**, including data normalization, and error handling to ensure fluid development with the frontend team.
- Used **Google Firebase** Authentication API to verify new users sending emails via **SMTP** protocol.

Health Tracker   Website | View Project
- Created web application for users to track their exercise and nutrition information featuring user session persistence using JSON web tokens and password hashing in **REST API**. **(PostgreSQL, Express.js, React.js, Node.js, Jest)**.