Carl LaLonde

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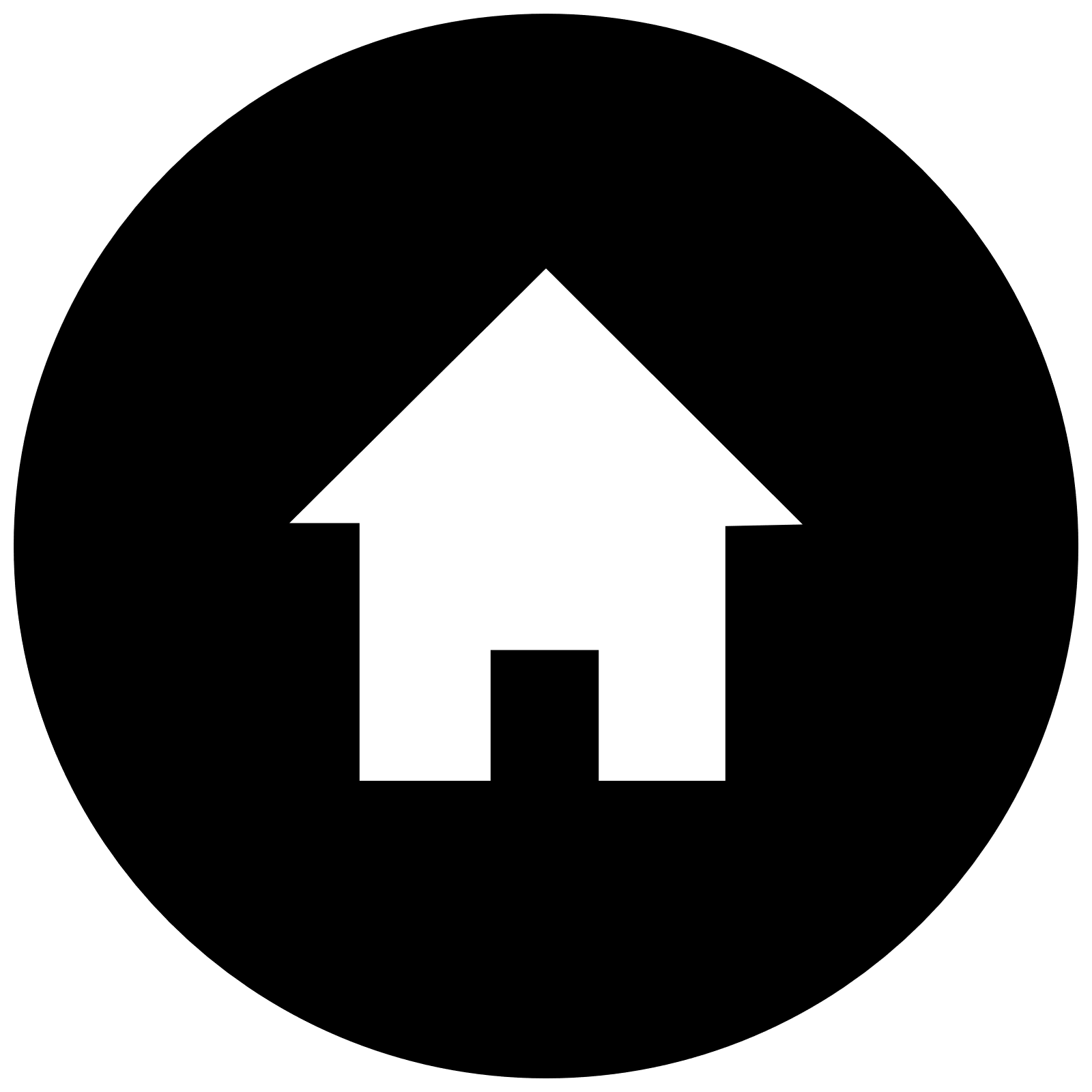
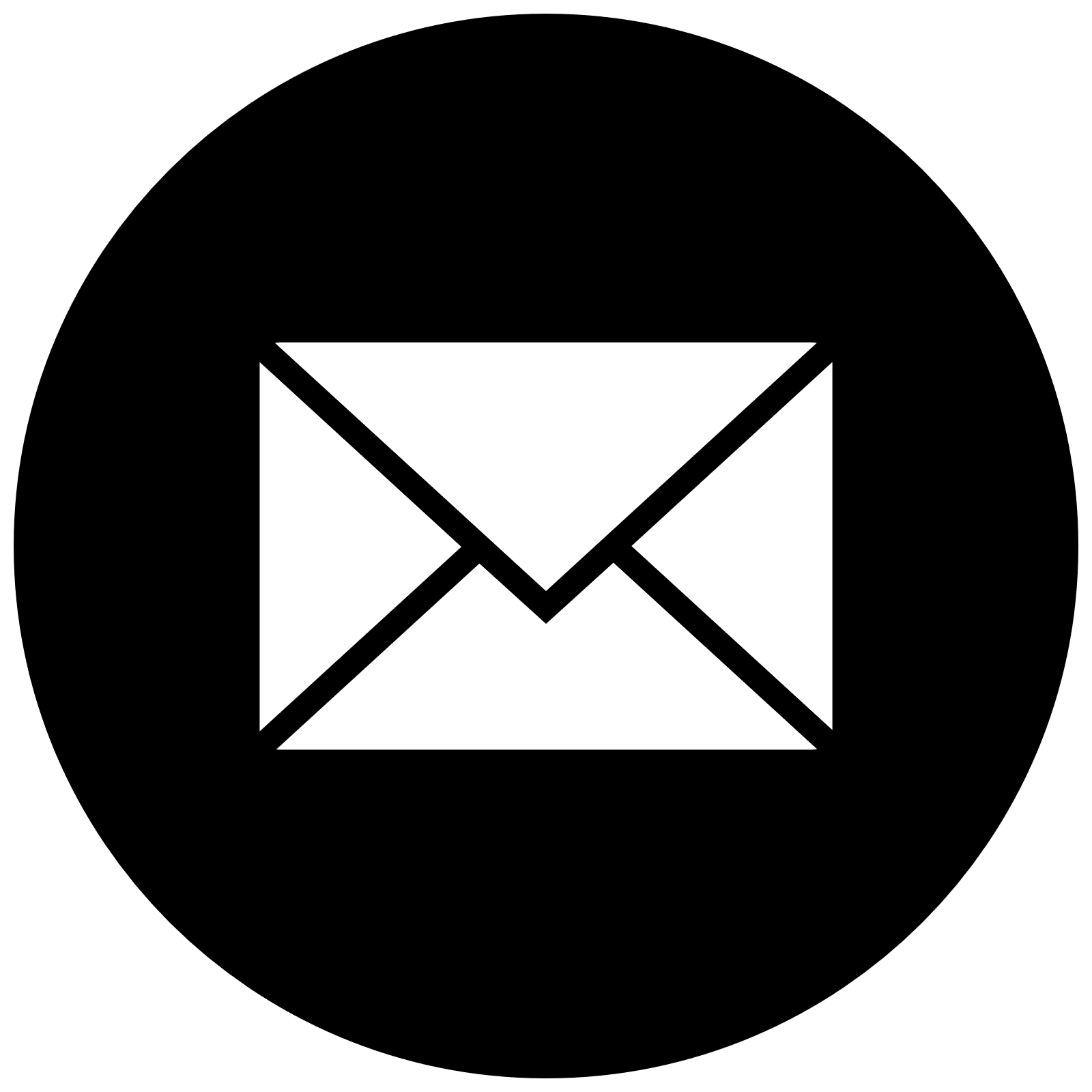
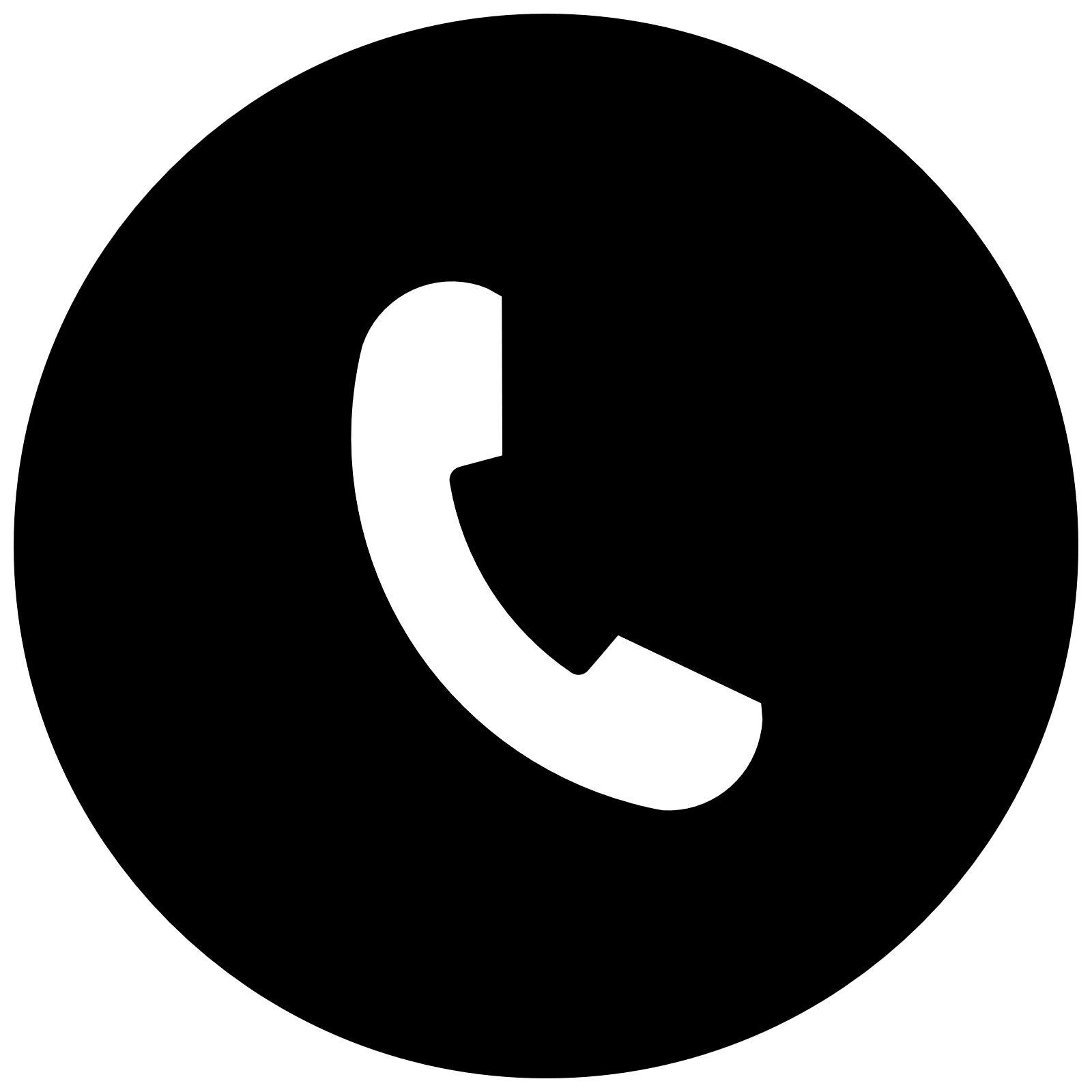
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<https://github.com/Carl32623>

<https://www.carllalonde.com>



Software Engineer

# Projects

**RoundTable App** – Full-Stack Mobile App (React Native, MongoDB)  
Status: In Development (2025)

* Implemented Google OAuth authentication with persistent login state
* Built a dynamic home screen with React Native hooks and MongoDB integration
* Integrated Expo Location API to enable GPS-based restaurant filtering
* Utilized Expo Router for structured, scalable navigation architecture

**Inventory Management App** – Android Studio + Java

* Developed UI with RecyclerView and custom adapters
* Enabled full CRUD operations using local SQLite database
* Focused on usability and efficient local data persistence for small businesses

**Rescue Animal Dashboard** – Python + PyMongo + Jupyter Notebook, MongoDB

* Designed and implemented full CRUD operations for the **Grazioso Salvare** animal rescue/training database.
* Built and tested a Python CRUD module integrated with MongoDB, ensuring secure and efficient data access.
* Validated, queried, and filtered records to meet client specifications

**Healthy Food Scanner App** – Lucidchart + Mockflow

* Designed UI/UX wireframes in Lucidchart for a mobile barcode scanning app
* Focused on intuitive user flow and real-time feedback on ingredient quality

# Professional experience

**FedEx Express** — Courier  
Novi, MI | Oct 2020 – Present

* Delivered packages under strict time constraints while maintaining 99% customer satisfaction
* Solved real-time logistics issues and optimized delivery routes in high-pressure environments
* Demonstrated consistent punctuality, problem-solving, and professionalism

# Education

Southern New Hampshire University — Manchester, NH  
Bachelor of Science in Computer Science  
Concentration: Software Engineering  
Jan 2023 – Present | GPA: 3.9

# Skills

Languages:

Java, Python, C++, JavaScript

Mobile Development:

React Native, Expo, Android Studio, SQLite

Web & Backend:

Node.js, Express.js, MongoDB, RESTful APIs

Tools & Platforms:

Git/GitHub, Jupyter Notebook, Lucidchart, MySQL

Methodologies:

Agile, Scrum

Soft Skills:

Critical Thinking, Communication, Adaptability, Time Management

# Professional Overview

Detail-oriented Computer Science student with a concentration in Software Engineering. Adept in Java, C++, Python, and JavaScript, with hands-on experience in mobile and full-stack web development. Demonstrates strong problem-solving abilities, effective team collaboration, and a passion for building scalable, user-centric applications.