

Luke de Armas

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SKILLS

Languages/Frameworks: Typescript (Node.js), Express, Mongoose, React, Mocha

Services: Google Cloud Platform (Pub/Sub, Storage Bucket), Jenkins, Kubernetes, Datadog, Git

Databases: MongoDB, Redis, Firebase

EXPERIENCE

Boxed Inc.

New York, NY

Backend Software Engineer, Order Experience

May 2022 – Present

- Implemented a comprehensive system for localizing all client responses, used by multiple of our backend services, allowing these services to be configurable for potential clients in any location
- Designed and released a retail delivery fee price modifier on orders scoped to specific user locations, preventing company losses from government fees
- Developed a location code agnostic approach for calculating mapped entities, scaling the in-house store mapping technology to enterprise clients in countries without state/postal codes
- Planned and executed major changes in our event-driven testing strategies, decreasing test flakiness in our CI/CD pipeline by over 50%
- Lead effort to change functionality in the storefront backend system from partner environment coupled to feature flag adjustable by an administrator, increasing the system's configurability for future enterprise clients.

Nashville Nutrition Spot

Nashville, TN

Front-End Developer

February 2021 – May 2021

- Collaborated in development of online ordering platform for local business as part of a 4-person team
- Implemented shopping cart state management using React and Redux, providing a user-friendly shopping experience with access to over 40 menu options
- Integrated Square payment services, giving client an efficient way to monitor online drink sales
- Coordinated productivity and client satisfaction in 15+ meetings using the Agile development process
- Conducted user acceptance testing with 20+ potential customers to prioritize user stories

EDUCATION

Vanderbilt University

Nashville, TN

B.S. Computer Science

August 2017 – May 2021

- Major: Computer Science, Mathematics
- GPA: 3.64, Computer Science GPA: 3.67
- Member of Zeta Beta Tau Fraternity

PROJECTS

Attendance Management System

December 2021 – February 2022

- Engineered centralized management system for educational institution with 200+ students
- Composed intuitive interface for teachers using JavaScript and Bootstrap, allowing improved tracking of classes, students, and attendance records
- Developed comprehensive administrative platform, granting authorization to oversee and modify hundreds of teachers, classes, students, and attendance records
- Organized efficient data storage using MongoDB, reducing server-side rendering speed by 20%
- Designed 23 front-end renders using EJS to consume and display backend API endpoint data