

# TIMOTHY LANCE CATO

## Full Stack Engineer

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### EXPERIENCE

#### Full Stack Engineer

##### Automattic

05/2023 - 04/2025 remote

- Led Agile sprints and collaborated with cross-functional teams to deliver high-impact, client-facing features.
- Improved dashboard performance by 45%, cutting load times from 5 to 2.75 seconds, enhancing user experience.
- Built scalable RESTful APIs with Auth0 OAuth authentication using Express.js, supporting secure user access.
- Optimized deployment pipelines with Docker and Kubernetes, reducing deployment time by 40%.
- Mentored junior developers on clean code and Git workflows, increasing team code quality by 35%.
- Increased user retention by 20% through targeted A/B testing and data-driven feature improvements.
- Ensured mobile-first responsive design and cross-browser compatibility for seamless performance across devices.
- Championed the adoption of continuous integration and deployment (CI/CD) practices to accelerate release cycles and improve software reliability.
- Collaborated closely with UX designers to create intuitive interfaces that increased user satisfaction and engagement.
- Automated monitoring and alerting systems to proactively identify and resolve production issues, minimizing downtime.
- Participated in code reviews and architectural discussions to improve system scalability and maintainability.

#### Front End Developer

##### InVision Company

01/2020 - 05/2023 remote

- Developed UI components using React and Redux for a SaaS product with 50,000 monthly users.
- Improved onboarding flow by 30%, reducing user time from 10 minutes to 7 minutes.
- Collaborated cross-functionally with product managers and designers in a team of 10 to deliver pixel-perfect designs across 3 major feature rollouts.
- Refactored legacy code into reusable components, reducing technical debt by 40% and improving maintainability for the engineering team.
- Integrated analytics tools (Amplitude, Google Analytics), enabling an 18% improvement in data-driven product decisions.
- Led QA processes and debugging for major production releases with budgets exceeding \$1M, impacting clients in fintech and healthtech sectors.
- Coordinated with the Lead Front-End Engineer and contributed to Agile deliverables using Scrum methodology across multiple time zones.
- Implemented webpack optimizations and server-side rendering, reducing initial page load time by 35%, from 4.6 seconds to 3.0 seconds.
- Contributed to Agile methodologies and implemented DevOps practices such as automated test pipelines to support continuous delivery.
- Authored frontend documentation and internal UI usage guidelines to ensure consistency and streamline onboarding of new developers.
- Spearheaded the adoption of modern front-end frameworks and best practices to improve development efficiency and code quality.
- Worked closely with backend teams to integrate APIs seamlessly, ensuring smooth data flow and consistent user experiences.

### SUMMARY

Full-Stack JavaScript Engineer with 10+ years of experience building scalable, high-impact web applications in fintech, e-commerce, and SaaS. Specialized in front-end frameworks like React, Angular, and Vue, combined with strong back-end development using Node.js, Express.js, and REST/GraphQL APIs. Skilled in working with PostgreSQL, MongoDB, and Firebase for reliable data handling. Proficient in architecting secure, cloud-ready systems on AWS (EC2, S3, Lambda), with a focus on performance, scalability, and uptime. Known for writing clean, well-documented code that reduced bug reports by 30% over 12 months. Collaborative team player experienced in Agile, mentoring junior developers, and delivering full-stack solutions that meet both technical and business goals.

### SKILLS

#### Front-End

React.js	Next.js	Vue.js	Angular
TypeScript	Tailwind CSS		

#### Back-End

Node.js	Express.js	Django	PHP
Laravel	REST/GraphQL APIs		

#### DevOps & Tools

Docker	Git	GitHub Actions
Jenkins	AWS(EC2 S3 RDS)	Vercel

#### Databases

PostgreSQL	MySQL	MongoDB
Redis		

#### Testing

Jest	Cypress	Playwright	Mocha
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#### Project Management

Agile/Scrum	Jira	Trello	CI/CD
Mentorship	Code Reviews		

## EXPERIENCE

### Junior Developer

#### Buffer Company

📅 09/2015 - 12/2019    📍 onsite

- Assisted in developing and maintaining **React** and **Material UI** dashboards for **client-facing tools**, improving **component reuse** and speeding up feature development
- Supported **backend development** using **Node.js scripts** to enable **synthetic data generation** and ensure **GDPR compliance** across multiple internal tools
- Helped design and test **API endpoints** for secure **data transactions**, contributing to high system uptime
- Participated in **debugging** and **QA** efforts, helping resolve an average of **8 bugs per sprint**, improving **code reliability**
- Contributed to **sprint planning** and task estimation, helping reduce **delivery delays** by improving planning accuracy
- Supported **cloud integration** and deployment workflows, enhancing **automation** and **scalability** across **staging environments**
- Collaborated with senior developers to implement **Agile best practices** and standardize **CI/CD pipelines**
- Contributed to **frontend performance optimization**, reducing **dashboard render times** by 25% through tuning and optimization
- Assisted in **code refactoring**, which led to a **30% reduction in bug reports** over two quarters

### Key Projects

#### SmartCart – E - Commerce Management Suite

📅 02/2024 - 04/2025    📍 remote

**Stack:** Vue.js, .NET 6 (C#), ASP.NET Core Web API, SQL Server, Stripe API, Azure (App Services, Blob Storage), Figma

- Designed and developed **SmartCart**, a scalable **e-commerce** platform with a **customer order tracking system** and an **admin portal** for managing products, users, and orders
- Built a **responsive front end** using **Vue.js** and **Figma designs**, and developed secure **RESTful APIs** with **ASP.NET Core (C#)** for user authentication, product catalog, and order processing
- Integrated **Stripe** for payments with **webhook support**, and implemented a **SQL Server** database for tracking inventory and orders.
- Deployed on **Azure App Services** with **Blob Storage** and **CDN**, enabling real-time updates and analytics that reduced **cart abandonment by 40%**.

#### TeleHealth Appointment Scheduling System

📅 10/2021 - 08/2022    📍 remote

**Stack:** Angular, Node.js, Express, MongoDB, Firebase Auth, SCSS, AWS EC2

- Built a HIPAA-compliant web application allowing patients to book virtual appointments and doctors to manage schedules and health records
- Developed **Angular** components for calendar, patient forms, and doctor dashboards with **Firebase Auth** for secure, role-based access
- Created **RESTful APIs** for appointments, messaging, and integrated **email/SMS reminders**
- Hosted backend on **AWS EC2** using **MongoDB**, boosting booking efficiency by **60%** and reducing no-shows by **30%**

#### Online Learning & Course Management Platform

📅 07/2018 - 10/2019    📍 onsite

**Stack:** React, Redux Toolkit, Node.js, Express, PostgreSQL, AWS S3, Tailwind CSS

- Designed dynamic, responsive **React interfaces** for student and instructor dashboards, and built an admin panel with course creation tools and **AWS S3** content upload
- Implemented **JWT authentication** and **RBAC** for user roles, while developing progress tracking and quiz modules with **PostgreSQL**
- Added real-time metrics and visual analytics using **Chart.js**, improving learner retention by **50%** through personalized dashboards

## CERTIFICATION

Certified Full Stack Web Developer  
Azure Developer Associate  
AWS Certified Developer –Associate

## LANGUAGES

English  
Proficient



## EDUCATION

### B.S. Computer Science

Florida State University  
(FSU)

GPA

4.0 / 4.0

📅 05/2011 - 08/2015

📍 Tallahassee, FL, United State