

Carly Tesnor

Full Stack Developer

Fort Lauderdale, Florida

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[LinkedIn Profile](#)

[Website](#)

Summary

Full Stack Developer with over 7 years of experience in designing, developing, and maintaining scalable web applications. Proficient in Ruby on Rails with 5+ years of hands-on experience, complemented by expertise in PostgreSQL and RESTful APIs. Adept at enhancing application performance and providing technical guidance. Strong background in Agile/Scrum methodologies, with excellent communication skills and a commitment to mentoring junior developers.

Skills

- **Frontend Technologies:** React, TypeScript, JavaScript, HTML, CSS, WordPress, VueJS, NextJS, React Native, Tailwind CSS, TanStack
 - **State Management:** Redux, Context API, Vuex
 - **Backend Technologies:** Node.js, Express, PHP, .NET, C#, NestJS, Ruby on Rails
 - **Databases:** PostgreSQL, MongoDB, MySQL, MSSQL, Firebase
 - **Cloud Services:** AWS, Vercel, CloudFlare, Heroku
 - **Tools & Frameworks:** GraphQL, Docker, CI/CD, Agile/Scrum, WebSocket protocols, Git, tRPC, Figma, JQuery, RSpec, Mocha, Jest, Shopify, Redis
 - **AI:** Cursor, Opencode, Claude Code, Codex
 - **Languages:** English, French
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Professional Experience

Full Stack Developer

BioCollections WorldWide, Miami, FL

June 2025 — Now

- Architected end-to-end healthcare data integration system: engineered custom C# Windows executable applications processing 10,000+ monthly HL7/LIS medical records with specialized server-side roles, integrated with NestJS backend and MSSQL database for reliable healthcare data operations.
- Maintained and debugged legacy ASP Classic (VBScript) systems while architecting modern microservices with NestJS, Next.js, Redux, and containerized Docker deployment on local server.
- Deployed production-ready AI chatbot powered by Qwen language model, handling complex user conversations and integrating with existing customer service workflows.

- Optimized email notification system using Nodemailer, reducing delivery latency and improving customer communication reliability.

Web Developer

Mobile Pushers, Miami, FL

Nov 2022 — Apr 2025

- Designed, developed, and maintained Ruby on Rails applications, ensuring efficient, reusable, and reliable code.
- Integrated user-facing elements developed by front-end developers with server-side logic, enhancing overall application performance.
- Collaborated with product owners and testing teams to break down requirements and create feature development plans, achieving 100% on-time project delivery.
- Implemented Sidekiq for background job processing in Ruby on Rails applications, improving task execution efficiency and reducing response times.
- Implemented load-balancing with NGINX to allow dozens of Node.js instances to handle multiple concurrent users.
- Developed Express authentication middleware to streamline user authentication processes across applications.

Full Stack Developer

BairesDev, San Francisco, CA

Oct 2021 — Sept 2022

- Developed and maintained Ruby on Rails applications, focusing on writing efficient SQL queries for PostgreSQL, improving data retrieval times by 25%.
- Configured the test runner in “watch mode” to automatically re-run relevant tests on code changes, enabling continuous testing during the development process.
- Implemented CI/CD processes using Jenkins, streamlining deployment workflows and reducing release cycle times by 40%.
- Utilized RSpec for writing unit tests, ensuring high code quality and reliability across multiple projects.
- Built applications using Next.js and NestJS in a monorepo setup with Turborepo and tRPC, enhancing development speed and project organization.

Senior Software Engineer I

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Aug 2017 — Sept 2021

- Led the redesign of API response handling in Ruby on Rails applications, optimizing data structures and increasing data processing speed.
 - Developed a CSV/XLS file uploader in a Ruby on Rails application that saves data to a PostgreSQL database and displays it as a graph, streamlining data management processes.
 - Automated software releases through CI/CD processes, improving deployment efficiency and reducing release cycle times.
 - Collaborated with cross-functional teams to analyze activities and improve workflow processes, enhancing overall team productivity.
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Education

Bachelor in Economics

State University of Haiti, Port-au-Prince

Bachelor of Science in Software Development

Brigham Young University, Provo, Utah

Certifications

- **Full Stack Development Certification**
Flatiron School (Learn.co)
- **Project Management Certification**
EDX