

**SUMMARY** Full Stack Engineer with over 10 years of PHP / Laravel and JavaScript.

Fortune 500 & startups rely on my teaching & pioneering skills in web performance & security, as part of my full SDLC

### Primary Skills

- Bootstrap; HTML5; SASS; TailwindCSS
- JavaScript; jQuery; Node.js; TypeScript
- Linux system admin; Bash; CI/CD; Git Flow
- MySQL; Redis; OOP Object Oriented Programming
- PHP8; Laravel / Symfony; LAMP

### Secondary Skills (under 10 years or less recent)

- AI: Claude Code; ChatGPT; Copilot; Cursor; & lower level
- Alpine; GraphQL; Livewire; React; Vue
- Amazon AWS; Azure; Docker; Terraform; Vagrant
- C; C++; C#; Dot Net; Java
- DBA; DynamoDB; MongoDB; Oracle; SQL Server; etc
- Testing: MSW; Pest; PHPUnit; Playwright; Postman; Selenium

## PROFESSIONAL EXPERIENCE

### Full stack engineer – Hotwire Communications – Fort Lauderdale, FL 2022 – 2025

Laravel PHP8, Node.js, React, Bootstrap for billing website of bulk ISP service across USA

- Reduced >20 second home page load time to < 6 sec with TypeScript, critical to customer satisfaction.
- UX tactics blend Figma, Bootstrap & TailwindCSS into customer self-service reducing support burden.
- Automated tests in Playwright & Postman improved quality and time to market.
- Resolved an API architectural fault vexing staff for years. ~10ms faster response also improved security audit.
- Replaced PDF-lib with modern CSS, resulting in faster, maintainable code. Improved UX for customers.
- Innovated move to microservices in Node.js for distributed reliability.

### Full stack consultant – Ingalls Consulting – New York, NY 2012 – 2021

Laravel PHP7, AWS, C#, Java, JavaScript, MongoDB, Node.js, React, Redis, Terraform, Vue

Clients: Consumer Reports, Helix, K. Gibbs School, Pearson, Play Sports Live

Industries: E-commerce, Finance, Health, Media & Product Lifecycle Management

- Led management communications, creating agile issue tracking, git-flow & CI/CD.
- Cached Consumer Reports pages in Varnish & Redis, speeding load from hours to < 6 sec.
- Optimized unit testing speeds to *triple performance*, speeding git commit cycles.
- Delivered distributed sports betting game in MongoDB & Node.js MeteorJS to meet season kickoff.
- Refined communication skills by teaching classes. Advanced topics included IT security.
- Docker onboarded new techs from one week to one day.
- Security HIPAA, PCI/DSS, Sarbanes-Oxley (SOX2), etc compliance.
- AWS Infrastructure As Code included Ansible, Terraform, Vagrant, DynamoDB, etc.

### Full stack engineer – Cantor Fitzgerald – New York, NY 2009 – 2011

PHP5, jQuery. SaaS for national e-commerce delivery

- Optimized PHP & SQL for 50% speed increase, to double traffic.
- Adopted new CSS grid, reducing time to market by 15%, improving mobile responsiveness.
- Integrated ReST APIs: Authorize.net, Strikelron & NOAA, enhancing sales.

## EDUCATION

Rochester Institute Of Technology  
State University Of New Paltz

Computer Science  
B.S. Electrical Engineering

**Open Source** Ubuntu's JDK package; GNU/Linux code; Log4PHP driver; image optimization

Bilingual English, German, French. Certified Security+