

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

A founding member of NY Web Performance group & certified in security. From critical Fortune 500 enterprises to urgent startups, I've innovated QA test plans, CI/CD, agile project management & fresh responsive mobile UX to delight customers on over a hundred websites & apps from design to deploy. I pitch in, where others dread to tread; namely testing & docs, using my communication skills as a former teacher.

✳ Skills over 10 years & recent

- ★★★★ 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

✳ Skills under 10 years or less recent

- ★★★★ Alpine; 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, critical to customer satisfaction.
- Created UX tactics to replace customer support, enabling immediate self-service.
- Automated tests in Playwright & Postman improved quality and time to market.
- Resolved an API architectural fault that vexed staff for years. ~10ms faster response also improved security audit.
- Replaced PDF-lib with modern CSS, resulting in faster, maintainable code. Improved print UX for customers.

Full stack consultant | Ingalls Consulting Co | 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, speeding from hours to < 6 sec.
 - Optimized testing speeds to *triple performance*, speeding git commit cycles
 - Delivered distributed sports betting game in months to meet season kickoff.
 - Refined communication skills by teaching classes. Advanced topics included IT security.
 - Documented & automated Docker to onboard new techs from one week to one day.
 - Security HIPAA, PCI/DSS, Sarbanes-Oxley (SOX2), etc compliance.

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

PHP5, jQuery, Web Services for national food delivery e-commerce


- Optimized PHP & SQL for 50% speed increase, or double traffic.
- Adopted new CSS grid, reducing time to market by 15%, improving mobile usage.
- 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

 My Open Source Ubuntu's JDK package; GNU/Linux code; Log4PHP driver

 Bilingual English, German, French. Certified Security+