Bruce Ingalls | Tampa Bay, FL 34652 | ✉️ [bruce.ingalls @ gmail](mailto:bruce.ingalls@gmail.com) |  [https://bingalls.github.io](https://bingalls.github.io/)

### **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

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| 👔 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.

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| 👔 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.

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| 👔 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, StrikeIron & NOAA, enhancing sales.

## 🎓 EDUCATION

**Rochester Institute Of Technology** Computer Science

**State University Of New Paltz** B.S. Electrical Engineering

**🐧 My Open Source** Ubuntu's JDK package; GNU/Linux code; Log4PHP drive**r**

🎓 Bilingual English, German, French. Certified Security+