Bruce Ingalls | Tampa Bay, FL | ✉ bruce.ingalls @ gmail | ⬚ https://bingalls.github.io

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

Hired to solve web performance via caching. Followed up with security & testing such as QA through test plans & CI/CD. Improved UX with fresher, responsive mobile designs.

☼ Skills over 10 years & recent

⭐⭐ Bootstrap; HTML5; SASS, TailwindCSS
⭐⭐ JavaScript; jQuery; TypeScript; Node.js
⭐⭐ 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; MongoDB; MSSQL, Oracle, SQL Server, etc
⭐ Testing: Playwright; MSW; Selenium; Pest, PhpUnit, etc

💼 PROFESSIONAL EXPERIENCE

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

Laravel PHP8, NodeJS, React, Bootstrap for ISP billing website

- 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 improved quality and time to market.
- Resolved a long-standing API architectural fault, vexing others for years. Achieved ~10ms faster response, also passing a 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: Pearson, Consumer Reports, Helix, Play Sports Live, Katherine Gibbs School
Industries: E-commerce, Finance, 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. Sped every git commit for faster releases.
- Delivered distributed sports betting game in months to meet season kickoff.
- Refined communication skills by teaching classes. Included complex topics such as IT security.
- Documented & automated Docker to onboard new techs from one week to one day.

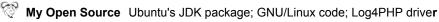### 💼 Full stack engineer | Cantor Fitzgerald | New York, NY | 2009 – 2011

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: StrikeIron & NOAA. Ensured Authorize.net PCI/DSS compliance to enhance security.

🎓 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+