Bruce Ingalls   New York, NY
Full Stack Developer of 10+ Years

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SKILLS

Languages	C++, C#, Java, JavaScript, Perl, PHP, Sass, TypeScript
API	author of GrahphQL & ReST APIs
AWS	Aurora, Cloudfront, DynamoDB, EC2, RDS, S3
Database	DBA & ETL of MySQL & other SQL. Mongo, Redis
Dev Ops	Ansible, Docker, Git, Nginx, Redis, Vagrant
JavaScript	Angular/Ionic, jQuery, Meteor, Node.js, React, Vue

ACCOMPLISHMENTS

Architecture	Reactive Single Page App, scaled to update in seconds
Back End	Performance optimization & multi-layer caching
Front End	Mobile-first Ionic over ReST API. CSS frameworks
Open Source	Created Ubuntu's JDK installer, distro commits

EXPERIENCE

Exenta   New York, NY   1 year **2019**

Developer: PLM Product Lifecycle Management

ENVIRONMENT
   Laravel PHP 7, Bootstrap, Docker, AWS

EXPERIENCE
   Exenta brought me on, to communicate between our onsite product manager and our remote consultants.
   I helped **triple testing speeds**, keeping delivery cycles faster than other departments.
   Continuous deployment to AWS host

Ingalls Consulting Co   New York, NY   6 years **2012 - 2018**

Major Clients

HELIX   Laravel PHP 7, Vue JS, CasperJS
   This online mattress store needed reliability. As a senior lead, I introduced **git-flow,** staging & pull requests.
   I overcame the challenge of lack of unit testability, by creating static analysis & e2e tests.

CONSUMER REPORTS   Laravel PHP, React JS, TypeScript, Webpack, AWS
   For the second biggest magazine in the USA, I helped lead developers & coordinate with devops to deliver a fresh
   UX, maximizing reliability & performance. Environments were deployed with **Vagrant & Ansible**.
   Reliablity introduced TypeScript safety, Phpunit mocks, and Bamboo **Continuous Integration**.
   Performance introduced Webpack, React JS & enterprise **Varnish & Redis** caching.

PURVEYOR   Angular, Ionic mobile framework & PHP Laravel / ReST
   Purveyor was kicking off a new market with a friendly mobile site, before PWA became a buzzword.
   Work in evolving tech of **Ionic, JWT, CORS & OAuth** made this possible. Set up Redmine project tracking.

PLAY SPORTS LIVE   MeteorJS and MongoDB, Nginx, interaction diagrams
   Play Sports needed a clean UX for gamers on a tight schedule, and at scale.
   Choosing new MeteorJS tech with a Nginx reverse proxy & servers that launch in seconds made this happen.

PEARSON PUBLISHING   Linux, Apache, MySQL, PHP, MooTools, Git
   This M&A financial Document Management System needed communication onsite, to connect remote consultants.
   Beyond soft skills, tech like **Jenkins** CI provided visibility to management. Introduced performance tuning.

Cantor Fitzgerald	**New York, NY**	2 years **2009 - 2011**

Developer: E-commerce website

ENVIRONMENT
    LAMP, Native PHP, jQuery, Web Services

EXPERIENCE
    The challenge to modernize 10 year old code for online food deliveries started with MVC design patterns.
    Before Bootstrap existed, I innovated a **CSS framework**, nearly predicting a responsive redesign.
    Database optimization & Kcachegrind performance. Added **ReST API**s: Authorize.net, StrikeIron, Noaa weather.

Adotube	**New York, NY**	1 year **2008**

Consultant: Web video advertising

ENVIRONMENT
    Linux, Apache, MySQL, PHP, PhpUnit

EXPERIENCE
    Adotube's need for growth was met with integrating ReST APIs like Shopping.com and **Amazon AWS & S3**.
    Embedded Adobe Flash advertising into the new web video market.

EDUCATION

Rochester Institute Of Technology	Computer Science	**Rochester, NY**
State University Of New Paltz	B.S. Electrical Engineering	**New Paltz, NY**

COMMUNITY CONTRIBUTIONS

- Lectures on C++, web development, security and administration
- *Open Source:* Ubuntu Java installer, Linux distros, Apache Log4php

OTHER   Fluent in German and French