

## SKILLS

<b>Languages</b>	C++, C#, Java, JavaScript, PHP, Sass, TypeScript
<b>API</b>	GrahpQL, ReST web services: create & call
<b>Database</b>	DBA & ETL of MySQL & other SQL. Mongo, Redis
<b>Dev Ops</b>	Ansible, AWS, Docker, Git, Redis, Vagrant
<b>JavaScript</b>	Angular / Ionic, jQuery, Meteor, Node.js, React, Vue
<b>Web</b>	Apache, Laravel, Nginx

## ACCOMPLISHMENTS

<b>Architecture</b>	Reactive Single Page App, scaled for updates within seconds
<b>Back End</b>	Performance optimization & multi-layer caching
<b>Front End</b>	Mobile-first Ionic over ReST API. CSS framework alpha adopter
<b>Open Source</b>	Created JDK installer for Ubuntu, more

## EXPERIENCE

<b>Exenta</b>	<b>New York, NY</b>	1 year <b>2019</b>
Developer: PLM Product Lifecycle Management		
ENVIRONMENT		
Laravel PHP 7, Bootstrap, Docker		
EXPERIENCE		
Exenta brought me on, to communicate between our onsite product manager and our remote consultants. I helped <b>triple testing speeds</b> , keeping delivery cycles faster than other departments.		
<b>Consultant</b>	<b>New York, NY</b>	1 year <b>2018</b>
Consultant: Short gigs in PHP & JavaScript		
EXPERIENCE		
I consulted for various small businesses, and an enterprise firm with 24/7 uptime & reliability maintenance. A stealth travel startup needed my support on new social logins of Google, Facebook, etc, for a <b>Vue.js SPA</b> . I bootstrapped a real-estate startup to self-serve with new static site tech I brought in.		
<b>Helix</b>	<b>New York, NY</b>	1 year <b>2017</b>
Developer: Mattress e-commerce		
ENVIRONMENT		
Laravel PHP 7, Vue JS, CasperJS		
EXPERIENCE		
This online mattress store needed reliability. As a senior lead, I introduced <b>git-flow</b> , staging & pull requests. I overcame the challenge of lack of unit testability, by creating static analysis & e2e tests.		
<b>Consumer Reports</b>	<b>Yonkers, NY</b>	1 year <b>2016</b>
Consultant: Magazine site		
ENVIRONMENT		
Laravel PHP, React JS, TypeScript, Webpack		
EXPERIENCE		
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 <b>Vagrant &amp; Ansible</b> . Reliability introduced TypeScript safety, Phpunit mocks, and Bamboo <b>Continuous Integration</b> . Performance introduced Webpack, React JS & enterprise <b>Varnish &amp; Redis</b> caching.		

<b>Purveyor</b>	<b>New York, NY</b>	2 years <b>2014 - 2015</b>
Consultant: Tech Lead for food inventory		
ENVIRONMENT		
Angular, Ionic mobile framework & PHP Laravel / ReST		
EXPERIENCE		
Purveyor was kicking off a new market with a friendly mobile site, before PWA became a buzzword.		
Work in evolving tech of <b>Ionic, JWT, CORS &amp; OAuth</b> made this possible. Also set up Redmine tracking.		
<b>Play Sports Live</b>		1 year <b>2013</b>
Developer: PLM Product Lifecycle Management		
ENVIRONMENT		
MeteorJS and MongoDB, Nginx, interaction diagrams		
EXPERIENCE		
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.		
<b>Pearson Publishing</b>	<b>New York, NY</b>	1 year <b>2012</b>
Developer: Financial reports website		
ENVIRONMENT		
Linux, Apache, MySQL, PHP, MooTools, Git		
EXPERIENCE		
This M&A financial Document Management System needed communication onsite, to connect remote consultants.		
Beyond soft skills, tech like <b>Jenkins</b> CI provided visibility to management. Introduced performance tuning.		
<b>Cantor Fitzgerald</b>	<b>New York, NY</b>	2 years <b>2009 - 2011</b>
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 <b>CSS framework</b> , nearly predicting a responsive redesign.		
Database optimization & Kcachegrind performance. Added <b>ReST APIs</b> : Authorize.net, StrikeIron, NOAA weather.		
<b>Adotube</b>	<b>New York, NY</b>	1 year <b>2008</b>
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 <b>Amazon AWS &amp; S3</b> .		
Embedded Adobe Flash advertising into the new web video market.		

## EDUCATION

<b>Rochester Institute Of Technology</b>	Computer Science	<b>Rochester, NY</b>
<b>State University Of New Paltz</b>	B.S. Electrical Engineering	<b>New Paltz, NY</b>

## 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