Benjamin Jay Young

Senior Software Engineer • Computer Scientist

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Qualifications

- A vast amount of experience building SaaS Enterprise level applications, services, and BI tools.
- Experience in Machine Learning; utilizing TensorFlow, Scikit, & other deep learning libraries.
- Mastery and a large professional experience with working in Node.JS, PHP, and C/C++.
- Experienced programming in desktop frameworks, like Qt and GTK+.
- Extensive knowledge in HTML, CSS, SVG, XML, Javascript, JSON, and JQuery.
- Designs databases and data structures in MySQL, Aurora, MongoDB, and Elastic.
- DevOps Experience on AWS, Azure, and Rackspace; using ADO, CodePipline, Jenkins, and Git.
- Automated tests coded using Mocha, Chai, PhpUnit, PhantomJS, Selenium, and TestCafe.
- Programming polyglot (e.g. Javascript, PHP, C++, Java, Python, C#, VB, Groovy, and NQC).
- Heavily experience using Linux/Unix, along with bash scripting and command line.
- Efficient in Laravel, CakePHP, CodeIgniter, Kohana, and Zend Framework.
- Efficient in React, Ember.js, and Express. Mainly writing with REST APIs or GraphQLs.
- Extremely fast learner. Loves troubleshooting, problem-solving, and analyzing.
- Exceptional comprehension in robotics, mathematics, physics, and biological chemistry.
- Professionally experienced in Marketing, Economics, and Management.
- Linguistic polyglot (e.g. English, German, and Swedish).

Experience

Mar 2019 - Present - OnShift / Avesta - Senior Software Engineer
Worked mainly on converting their CakePHP 2 platform into CakePHP 3. Also acted as the DevOps role switching their monolithic Rackspace server over to a load-balanced AWS environment. Worked with ElasticSearch, Docker, and CakePHP.

Aug 2018 - Feb 2019 - Advolve / Zero Origin - Chief Technology Officer
Managed both technological assets and a team of programmers to implement solutions for the company in the affiliate marketing space. Also assisted with utilizing technology platforms for assisting with warehousing. Working with Node.JS, PHP, C++, Qt, and Ruby on Rails.

Apr 2015 - Aug 2018 - Performance Administration - Senior Software Engineer
Started out managing PHP/LAMP systems. Then acted to oversee the transition and development into a new MEAN API (Express.js) and Ember.js front-end projects. Implemented MongoDB. I also acted as an interim DevOps during certain periods, while progressing to using AWS from a local single server. Diving into machine learning, responsible for training every team member, and managing Scrum.

Oct 2014 - Apr 2015 - Robert Half - Software Engineering Consultant
Contracting positions (e.g. Davey Tree, Avesta Systems, MP Biomedicals, and ListMedia). Technologies included jQuery Mobile, Node.js, Express, Ember.js, CakePHP, JQuery, OSCommerce, and iSeries.

Jun 2013 - Oct 2014 - <u>Mongoose Metrics / IfByPhone</u> - Software Engineer
Developed in LAMP for the phone call switch servers, API service, reporting tools, and website front end. Also worked with JQuery and ElasticSearch heavily. Everything new was designed in Kohana MVC.

Sep 2012 - May 2013 - <u>Brain Host</u> - Programmer
Working mostly with PHP CodeIgnitor, I also engineered their deployment infrastructure along with some of the virtual server environments. I was responsible for maintaining seven different brands.

Oct 2010 - Sep 2012 - <u>The Karcher Group</u> - Web Application Programmer
Mostly programmed sites in PHP/MySQL, ASP.NET MVC3, and designed databases. Additionally did markup and styling when needed. Assisted the project leader and account manager, while giving my technical consults. Released around 30 new websites, and worked on over 150 projects. Even did some desktop development and lightly helped with mobile development for iOS and Android.

Sep 2009 - Oct 2010 - <u>BlaherTech</u> - Business Owner
Started the company from the ground up. Handled clients, designed websites, programmed, managed databases, responsible for accounting, sales, and the majority of things needed to run a small business.

Feb 2007 - Feb 2008 - <u>The Karcher Group</u> - Web Application Programming Intern
Did a range of things, from PHP/MySQL programming, design, content management, and website quality assurance.

Education

2017 - 2019 - <u>Kent State</u>
- Bachelors of Science - Computer Science

2009 - 2011 - <u>Stark State College of Technology</u>
- Associates - Computer Science and Engineering Technology
- Associates - Web Design and Development
- Associates - Programming and Database Design

2005 - 2009 - <u>South Stark Career Academy</u>
- Dual Enrollment - Programming Systems
- Dual Enrollment - Information Systems
- Dual Enrollment - Networking Systems

Referrals

Referrals are given on request. You can also view some recommendations online, on my [LinkedIn profile](#).