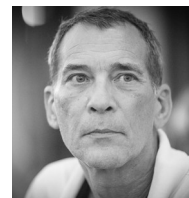


Drew Bertola
Senior Full Stack Programmer
US Citizen
drewbertola@gmail.com
201-677-2002



Expertise

20 years of professional programming in the web application space with additional expertise in database and data warehouse setup and design, BI reporting and analysis, and systems administration. Skill set primarily includes:

- **Backend:** PHP (ZCE-1000, Oct 2005), Laravel, Laminas/ZF
- **Frontend:** Angular, React, Vue, Htmx, jQuery, Javascript, Typescript, CSS, Bootstrap, Tailwind
- **Search:** Elasticsearch / Opensearch, Lucene, Typesense
- **Database:** SQL (extensive), MySQL, Postgress, MongoDB
- **APIs:** Tincan (xAPI), various Mailing, CMS, and CRM APIs
- **Administration:** AWS, GCP, Linode, Openstack, and most common Linux services

Professional History

theCoop (self owned)
Programmer, Systems Administration, and Cloud Migrations
08/01/23 – present

Consult and provide services for several global businesses needing support and programming for their startups or projects. The services I worked on include:

- Migration to the cloud.
- Build out on-line tooling and data capture systems.
- Setup and build small sites.
- Program features into existing sites and apps.

Hanley Wood, Washington D. C.
Senior Lead Developer / Application Architect
01/07/2013 to 06/30/2023

- Implement custom form creation and lead capture and classify platform. Created e-learning platform to stimulate qualified lead capture.
- Implement and maintain a Laravel based xAPI system to capture e-learning events.
- Design and build automated newsletter generation platform with ties into publisher's CMS and mailing platform APIs.
- Design and build data warehouse (DDL, ETL, DML).
- Design and build customizable BI reporting platform to expose data warehouse metrics.
- Design and build a client facing media library to expose all assets via full text search.

GeekNet, San Mateo, CA
Senior PHP Contractor
07/01/2012 to 03/15/2014

- Brought in to complete efforts on lead generation capture and classify system for online offerings.

Chegg Inc, Santa Clara, CA
Programmer / BI Analyst

11/15/2010 to 05/31/2012

- Worked for the data warehousing and business intelligence team providing BI reporting for finance and revenue recognition for accounting. Leveraged SQL and programming skills to reduce time for certain complex reports to be provided in hours rather than weeks.

GlobalPKG, San Jose, CA

Consultant, Programming and Deployment

05/15/2008 to 10/31/2010

- Hired as a Zend Framework and MySQL consultant for a project developed for General Motors. Designed and built out a fully redundant and continuously monitored architecture which was required by GM to pass rigorous auditing and failover testing by auditing firm KPMG.

Jupiter Hosting Inc, Santa Clara, CA

Senior Lead Programmer

01/15/2005 to 12/15/2007

- Hired as the lead programmer to specify system requirements to run a large scale affiliate sales package.
- Wrote an apache module (in C) to insert or replace text within all web pages delivered as specified by either or both per-server or per-directory configurations.
- Designed and developed an internal sales quoting system, with components for each of the steps in the quote to contract workflow.

Education

University of Connecticut - Storrs, CT

Spent 4 years working towards CS / EE degree. Left due to financial strain. (110 semester units completed).

Santa Clara University and Mission College

Continued additional course work at Mission College and Santa Clara University completing 143 total credits.