

Dave Leach

CONTACT

Location

Seattle, Washington

Phone

(678) 849-0054

Email

dave@davedoeswork.com

WEBSITES

Portfolio

davedoeswork.com

LinkedIn

linkedin.com/in/dmleach

Github

github.com/dmleach

EDUCATION

Oglethorpe University

Atlanta, Georgia

B.S., Mathematics and
Computer Science

LAMP Camp

Norcross, Georgia

Certification of Completion,
LAMP Stack Developer
education program

AWARDS

Pardot MVP

Recognized for innovations in
Agile sprint estimation
introduced as team scrum
master
November 2017

SKILLS

Languages

PHP, versions 5.3 to 8.3, 12 years of experience

Delphi, versions 2.0 to 2007, 19 years of experience

Databases

Microsoft SQL Server, MySQL, Oracle

Technologies

AWS OpenSearch, C#, Claude, Crystal Reports, CSS3, Dart, Flow, Flutter, Git, Hack, HTML5, Javascript, jQuery, JSON, Lightning Design, PHPUnit, Protocol Buffers, React, Redis, REST API, Salesforce Apex, SOAP API, SQL, SOQL, SVG, Symfony, Visualforce, XML

Systems

Agile methodology, AI-augmented development, Microservice architecture, MVC architecture, Object-oriented programming, PSR autoloading, Responsive web design, Test-driven development

EXPERIENCE

Age of Learning

Software Engineer III

December 2021 to September 2026

Developed **REST API** microservices handling over 3M requests per day, supporting multiple versions of ABCmouse, the flagship early education application, using **PHP 8.3**, **Claude**, **AWS Opensearch**, and **PHPUnit**

Created a WYSIWYG editor for designing interactive children's books using **Javascript**, reducing content creation time by 85%

Developed features for Homeschool+, a new application adapting the company's library of educational content for the home education market, using **Dart**, **Flutter**, and **PHP 7.4**

Reviewed merge requests for multiple products, including those created using **Claude**, validating edge cases and maintaining quality

Advantis Global

Software Engineer II contracted to Facebook

September 2020 to December 2021

Migrated video metrics from sunsetted system to new statistics engine using **Hack 4**, an enhanced version of PHP

Improved **PHPUnit** test suite with more thorough and consistent coverage using computationally-generated test cases

Sporcle

Web and Salesforce Developer

October 2018 to December 2019

Maintained the world's largest trivia site using **PHP 7.2**

Created new versions of website footer, the first step of a major site redesign, using **HTML5**, **CSS3**, **responsive web design**, and **SVG**

Added new features that improved external communications and reduced workload using **Salesforce Apex**, **SOQL**, **REST API**, **custom objects**, and **Lightning Design Components**

Spearheaded growth of **Salesforce Apex** automated test suite from 600 to 2600 tests in ten months

Dave Leach

PERSONAL

Toastmasters

Lenox Park Toastmasters
Charter Member, Secretary, and
President
2005 to 2006

Georgia Radio Reading Service

On-air volunteer
2015 to 2018

Jeopardy!

Six-game winner
Tournament of Champions
semi-finalist
2012 and 2013

ARCHIVED EXPERIENCE

More information about these
jobs is available by request or on
my portfolio website:
davedoeswork.com

ADP Incorporated

July 2007 to April 2012

Young Consulting

August 2005 to July 2007

BellSouth

June 2004 to August 2006

CCH Incorporated

September 2002 to May 2004

Artisan Software Design

July 2001 to September 2002

Columbia Ultimate

August 2000 to July 2001

ClickChoice.com

June 1999 to July 2000

Computing Solutions

May 1996 to June 1999

EXPERIENCE

Salesforce

Software Engineer

December 2015 to October 2018

Developed and maintained Pardot, a marketing automation platform,
using **PHP 7.1**, **PHPUnit**, and **Symfony 1**

Created presentation database used in public launch of Wave Analytics
(now B2B Marketing Analytics)

Maintained connector, used to synchronize data between Pardot and
Salesforce, using **Salesforce Apex**, **SOQL**, and **Ant**

Authored over 40 pull requests, reviewed over 170 pull requests, and
tested over 50 pull requests using **Github**

Named Pardot MVP in November 2017 for innovations in **Agile** sprint
estimation introduced as team scrum master

LAMP Camp

LAMP Stack Developer

June 2015 to September 2015

Finished program of study and earned certificate of completion

Designed and developed an inventory and sales tracking system using
PHP 5.5, **MySQL 5.6**, **MVC architecture**, and **PSR autoloading**

In lead developer role, served as a coding and testing knowledge resource
for new developers

Created data visualization objects using **HTML4** and **jQuery 2**

Sterling Backcheck

Software Engineer Consultant

October 2014 to June 2015

Maintained an application suite used to retrieve and report background
check information using **Delphi 7** and **Microsoft SQL Server**

Developed contextual date parser, improving recognition rate by a factor of
10, using **C#**

Diagnosed and repaired issues involving **SOAP** communication security
and **Microsoft Word OLE**

Well Played, LLC

Co-founder

August 2012 to June 2015

Launched a board and card game retail business, with sales revenue of
over \$35,000 in 2014

Authored an inventory system using **Lazarus 1.2** (Open-source Delphi)
and **MySQL 5.5**

Created and automated services with **PHP 5.3** to post products for sale
using **Amazon Marketplace Web Services API** and to download
financial transactions from point-of-sale system using **Square Connect
API**

Excelled in teaching dozens of new games to hundreds of enthusiasts at
events and conventions throughout the Southeast