

# David Lopez

## Web Developer

San Diego, CA 

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A results-driven developer with 10+ years of experience in both Web Development and testing. Proven experience working with Agile scrum teams to deliver high-quality solutions for business partners and clientele.

## WORK EXPERIENCE

### Software Engineer - Quality Engineering

ServiceNow

San Diego, CA | April 2019 - July 2022

- Developed and executed functional tests for revamped UI components of the ServiceNow platform.
- Collaborated with Development to ensure functional tests provided sufficient coverage.
- Partnered with Development to execute functional tests to reduce the number of regressions introduced from deployed code.
- Verified data accuracy by working with GraphQL queries using "GraphiQL" validation tool.
- Wrote HTML and JavaScript code to generate test case-specific scenarios and shared with other QAs to improve the team's testing efficiency.
- Converted manual test cases into automated Selenium tests.
- Updated existing automated tests for fixes and enhancements.
- Worked with Development to triage nightly automated test failures.

### Software Developer

Zovio (formerly Bridgepoint Education)

San Diego, CA | April 2013 - April 2019

- Key developer for a lead management application (made with Codeigniter) that saved the company ~\$2.5M/year from using a 3rd party solution.
- Integrated Codeigniter application with internal WCF services.
- Primary developer for maintaining and enhancing the student online application (OAP) system developed in PHP.
- Revamped student OAP by applying new styles to match current branding, and optimized UI for mobile experience.
- Developed and maintained a variety of landing pages focused on delivering content and intaking information from interested prospective students.
- Implemented security patches to legacy PHP applications with recommendations provided by SecOps team.

### Quality Assurance Analyst

Zovio (formerly Bridgepoint Education)

San Diego, CA | April 2011 - April 2013

- Performed QA for Marketing websites, lead generation systems, PHP automation services, and internal Intranet.
- Collaborated with Web Developers and Business Analysts to develop test cases.
- Created smoke test suites that could be executed by either QA or Dev once changes were deployed.
- Paired with Web Developers to test code changes and provide feedback in real time, reducing the number of retest cycles.
- Worked with developers to understand impacts of changes to mitigate possible regressions.

## TECHNICAL SKILLS

### Technologies

HTML | CSS | JavaScript | PHP | MySQL

### Frameworks / Libraries

Vue.js | jQuery | CodeIgniter | Laravel | Bootstrap

### Tools

Visual Studio Code | SublimeText

### Version Control

GitHub | Subversion

### Project Methodologies

Agile

### Project Management Tools

JIRA | TFS | Azure DevOps

## PROJECTS

### Automobile Maintenance Log

Demo link:

<https://warm-hamlet-30358.herokuapp.com/>

Source code:

<https://github.com/dlopez0882/autoMaintLog>

- An application that provides auto enthusiasts a web-based UI for logging vehicle maintenance records.
- Incorporates Laravel framework for performing under-the-hood CRUD functionality.
- Views are displayed using reusable Vue.js components for reduced maintenance.
- Mobile responsive using Bootstrap.
- Built using HTML, CSS, Bootstrap, PHP, MySQL, Laravel, and Vue.js.

## EDUCATION

### B.S., Business Administration - Information and Decision Systems

San Diego State University, San Diego, CA