Patrick Haugen
Sr. Level Full-Stack Developer

Over 15 Years Professional Experience

Relevent Skills: 1995 - 2015

Python: Since 2009 starting with Google App Engine and extending to various packages and frameworks including desktop application development, mobile, and even games (Kivy, PyGame, etc.)

Databases: Since 1999 with NT4 and Access working up to NoSQL, SQL, and all the flavors (BigTable, MS, Oracle, PostgreSQL, MySQL, etc.)

CSS: Since 1995 working with static HTML up to CSS3 in modern HTML5 front-end applications.

Javascript: Since 1995 working with simple dynamic effects to modern jQuery and jQuery UI APIs in addition to multiple other projects with seamless integration and custom projects as well.

APIs: Ability to integrate any RESTful API into Python projects with ease working with JSON data.

Notable Projects: 1999 - 2015

Production Media Design: 1999-2015
Underneath this umbrella, dozens of projects created and managed from ColdFusion in the late 90's to PHP and now a focus on Python with GAE NoSQL BigTable backends.

Gencorp Aerojet: 1999
Working with the advanced engineering team, custom CMS and backend system for the engineers built in ColdFusion on NT4 internal systems for all members to collaborate on and edit various sensitive materials, submit for review, and other tasks on web assets in the system.

California Arts Council: 2005-2006
Small state agency housed in the DOJ building needed a new website design launched and had a dedicated frontend vector artist onsite. Custom CMS backend in PHP implemented, focus on content flow design with multiple people using it as word processor, saving all written articles much like a publishing house backend, submitting via system to managers and editors for checks and approvals, organization of articles for distribution to press and newsletter, custom implementation of email newsletter distribution to 50,000+ subscribers. Many additional features.

California Career Resource Network: 2007-2008
For this state agency (the smallest state agency that exists which reports directly to the governor) a custom CMS was built in PHP and implemented to power multiple websites via this single custom backend to best interlink them all. User login, resources, internal backend login and resource management and page editing with a separate manager reviewing section were some of the many features. New frontend had emphasis on accessibility with Section 508, W3C AAA, etc.

Stratascale: 2009-2010
This spinoff company from Ragingwire required multiple web based applications. Internally, a CMS system was custom built using PHP for their specifications with emphasis on supporting the $250,000/month web marketing which was also managed with A/B testing of landing pages and code to dynamically work with Google Analytics. Externally, current or potential customers could login and purchase services, create accounts and connect to the Oracle backend DB for processing. Multiple front-end designs were tested and implemented giving the site multiple looks.

Strategic IT Staffing: 2011-2015
Smoothing out the flow of editing websites, a PHP based custom CMS implemented and a separate Python based GAE NoSQL BigTable backend system which took large databases of users and checked via various APIs if they started a new job.

Dansource: 2006-2014
Python GAE NoSQL BigTable backend with JQUERY nearly offline mode enabling frontend providing check-in systems, user management, email newsletter article writing and compilation for distribution, staff scheduling, and much more.