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- Designed and executed security measures such as firewalls, MFA, block-chain encryption, and SEIM logging with scripted alerts.
- Planned and engineered RESTful web services, consuming Tableau outputs into JSON and designed with D3JS, to manipulate dynamic datasets for CDC's and ArcGIS datasets.
- Conceived and built optimized mobile and web applications in HTML, CSS, PHP, .NET, C# with Razor, vanilla JavaScript, Angular and NodeJS.
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## Software Developer | FierceMarkets

February 2017 - November 2017

BigData, high performant and largely scalable marketing and engagement platform provider contract, wherein I was hired to perform recursive testing, debugging, automation of their continuous deployment model and create a headless Drupal CMS based publishing environment from wireframe to deployment in stage before off-shore team takes to production.

- Collaborated with developers and performance engineers to enhance supportability and identify performance bottlenecks, throughout all stages of our development lifecycle.
- Revised, modularized and updated old code bases to modern development standards, reducing operating costs 36%.
- Led group of 15 engineers in design and development of headless CMS of Drupal via Bash Scripting, Drush, and AWS solutions.
- Orchestrated efficient large-scale software deployments, including testing features and correcting code.
- Performed regression, unit-blocked and system-level testing to verify software quality and function prior to release.
- Compiled specifications, dev. methods and other scripting modifiers for headlessCMS project into technical manuals for team.
- Interfaced between high-value customers and junior developers, encouraging use of client feedback in software updates.

## Webmaster & 2D/3D Animator | Florida SouthWestern State College

April 2014 - November 2016 *(Concurrent with 1st major side-contract in Idaho)*

Webmaster for all four college campuses, post transitional name-change from Edison State College and major Presidential scandal. Rehabilitated community image with re-designed branding & marketing strategy/assets. Developed 3D campus mapping software with 2D drone tracking for new sports arena games. Finished tenure with ADA compliance regulation automation platform, which I developed while managing two junior developers in a combination of a headless code-igniter CMS base, cakePHP blend with vanilla JavaScript, Puppet, C++, etc.

- Gathered and synthesized business requirements, as team representative in executive meetings, discussing defining and translating user requirements into project designs and implementation plans, exceeding aggressive deadlines.
- Built user interface, data visualizations and designed to eliminate bugs and improve overall user experience, resulting in 27% increase of enrollment and SEO/SEM click-through rates.
- Spearheaded and implemented use of Git and Mercurial version control across all four campuses for design and development.
- Created powerful headless Content Management System built with HTML, CSS, PHP, vanilla JavaScript, C++, MySQL, Oracle Cloud, AWS, Puppet, and OpenStack solutions, to serve as interface for client.
- Automated consumption of Oracle and SAP data outputs, by custom built RESTful and SOAP micro-services to manipulate dynamic datasets with multiple entry and touch points.