

Professional Experiences

Senior Software Architect | Miskolczi Software Consulting

December 2015 - Present (*Consulting to avoid corp. conflict of interests*)

Working with Clients to design & develop data visualization/administration portals, logistics and supply chain software, cloud integration APIs, and automation structures to assist in the creative and interactive process sequences revolving around the design, development and deployment of cloud-based software, services and similar end-point/transactional technologies.

- Worked with clients like Cox Automotive to create and deploy automotive shopping applications in JavaScript and C++, utilizing Node and ReactJS frameworks as well.
- Managed infrastructure upgrades, analysis and resolution of end user software utilized in public, private and gov. sector applications with clients like Boeing and AutoDesk.
- Developing kernel kexts for Healthcare hardware & legacy 3rd party systems
- Responsible for US-CERT CVE findings on behalf of clients like ADP Corp.
- Utilizing React, Vue, Ionic, Angular & Node JavaScript libraries to create admin portals with regards to business data analysis, and e-commerce platform tracking engagement.
- Translating static software designs into functional prototypes with Vanilla JavaScript, TypeScript, HTML/CSS/jQuery and ReactJS
- Creating Docker & Ansible server images for IAAS, microprocessors & data centers for partners

Senior Cloud Security & Design Architect | RelayHealth

July 2018 - November 2018

Major healthcare client consulting contract, created with the intention of helping assist RelayHealth into their migration off-prem legacy HPE non-stop build, to a hybrid MS Azure and AWS cloud environment, with automation of deployments and continuous integration in mind.

- Designed and implemented system security and data assurance, and enterprise processes, with best practices tailored for healthcare requirements via HIPPA and Gov.CMS.
- Wrote and maintained custom scripts to increase system efficiency and performance time, during installations, configurations of operating systems, for an SLA of 99.9999997%
- Implemented network security equipment, including firewalls, two-factor authentication, and antivirus software for networks supporting over 2.5 million users.
- Prepared, all documentation and continued grant proposals to support Azure and OpenStack environments, implemented with a front-end design for level II tech implementation.

Senior User Interface Developer | Booz Allen Hamilton

November 2017 - July 2018 (*Only left to gain RelayHealth as client, per conflict of interest*)

Started off as a user interface developer with CDC and ArcGIS contracts, who would be able to traverse both design and development to create data analysis dashboards for international datasets into D3, GraphQL and JS applications, primarily in the government sector. After a couple months of creating development workflows with CI/CD pipelines for our micro-embedded systems, I successfully hacked into the Department of Homeland Security's DNSSEC and government-wide service platform, landing me a role more specified in cyber security for their micro-services and cloud containers.

- Maintained strict budgetary and scheduling guidelines to satisfy clients with high-quality, targeted designs with on-shore and off-shore development teams...

<https://linkedin.com/in/batmanwgd>

[GitHub: @batmanwgd](#)

Continued from previous page...

- 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.
- Conceived and built optimized mobile and web applications in HTML, CSS, PHP, .NET, C# with Razor, vanilla JavaScript, Angular and NodeJS.
- Conceived and built optimized mobile and web applications in HTML, CSS, PHP, .NET, C# with Razor, vanilla JavaScript, Angular and NodeJS.

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.

<https://linkedin.com/in/batmanwgd>

[GitHub: @batmanwgd](#)