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# 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...

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