

Adam Veldhousen

Oklahoma City, OK

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Profile

A software and devops engineer with 5 years experience with building applications and automation for Windows and Linux. I specialize in Go, backend development, cloud computing, containers and serverless computing, configuration management and CI/CD practices.

Skills

- **Proficient:** Time management, Self starting, Golang, Javascript (ES2018), NodeJS, Git, AWS services, React, HTML/CSS, Docker, RabbitMQ, Redis, Elasticsearch, MySQL, Networking, Unix based environments (bash, zsh), Terraform, Packer, CI/CD
- **Familiar:** Webpack, React Native, C#, Java, Ruby, Python, PHP, Apache Google Compute Platform, Consul, Nomad, Varnish

Employment

Senior DevOps Engineer, [Live Auctioneers](#) 4/2018 - Present

- Designed and implemented a real user monitoring system that monitors and alerts on page performance metrics for over 2 million page loads per day.
- Improved product image load times by 10x from 1 second to 100 ms (95th pct) by redesigning our content delivery pipeline.
- Increased CI build speed by 50% on our monolithic react app, from 12 minutes to under 6, allowing for higher productivity and faster releases.
- Designed and implemented a repeatable infrastructure and AMI framework using terraform and packer, allowing us to create and tear down AWS infrastructure in just a few minutes for quick prototyping and testing environments.
- **Leveraged Knowledge:** Golang, Javascript (ES2018), Elasticsearch (ELK), Terraform, Packer, Docker, AWS Lambda, API Gateway, S3, RabbitMQ, Microservices

Full Stack Engineer, [Live Auctioneers](#) 5/2016 - 4/2018

- Worked closely with [Codex's Biddable](#) team to add an Ethereum Smart Contract based escrow system to automatically approve bidders to bid on auctions.
- Built proof of concept HTML5 based live video streaming page for mobile devices, which eventually replaced the legacy flash based video streaming platform.
- Worked closely with SEO and product to migrate our beta site and millions of legacy URLs to our primary domain with minimal SEO impact by using layer 7 load balancing, CDN level rewrite rules, and custom express middleware.
- Implemented automatic white label URLs for over 5000 auction houses using wildcard DNS, CDN and layer 7 routing.
- **Leveraged Knowledge:** Golang, Javascript (ES2018), TDD, React, Redux, Server Side Rendering, Webpack, Responsive layout, Docker, AWS Lambda, API Gateway, S3, RabbitMQ, Microservices

Lead Software Engineer, [MTM Recognition](#) 5/2014 - 5/2016

- Attended weekly IT Leadership meetings and worked closely with C level personnel to solve business issues.
- Ran daily standups with the web based and AS400 teams, tracked projects and removed blockers.
- Migrated [MTM Carousel](#) monolith ASP.NET application to AWS and reimplemented the entire content management system to use AWS S3 instead of local file storage, enabling the application to run in a high availability setup.
- Setup CI/CD for ASP.NET projects using TeamCity, Octopus Deploy and automated IIS with powershell in a Windows environment.
- **Leveraged Knowledge:** C#, ASP.NET MVC, NodeJS, RabbitMQ, AWS (EC2, S3, R53, VPC mostly), Octopus Deploy, Teamcity, MSSQL Server, MongoDB,

Software Engineer, [Towers Watson](#) 1/2013 - 5/2014

- Maintained and debugged existing systems and created features in ASP.NET MVC and WPF applications using C#.
- **Leveraged Knowledge:** C#, ASP.NET MVC, AngularJS 1.X, TeamCity, WPF, RavenDB, MSSQL Server, Rhino Service Bus, NodeJS

Education

[Neumont University](#) 9/2009 - 12/2012

- **Major:** Bachelor of Science in Computer Science, BSc CS
- **Programming Coursework:** Algorithms & Data Structures, Computer Architecture, Compiler design, Service Oriented Architecture, Principles in Software Engineering, Operating Systems, Networks, OOP
- **Math coursework:** Computational Theory, Information Modeling, Discrete Structures, Logic

References

Wyatt Barrett – VP Technology & IT Operations, Live Auctioneers

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Rob Cummings – CTO, Live Auctioneers

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Wes Christiansen – Staff Software Engineer, Live Auctioneers

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