Ryan **Wise**

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About

- 8+ years of professional development including freelance
- Passionate about Information Security
- Experienced in setting up secure, repeatable Infrastructure in AWS / Azure
- Well-versed in containers and Kubernetes
- Quick learner and experienced in a wide variety of stacks
- Time Magazine's Person of the year 2006

Work Experience

- **Wise Innovations | Owner / Senior Software Engineer**
  - Managed DevOps on Azure and AWS for clients
  - Setup CI/CD pipelines
  - Setup Kubernetes clusters with blue/green deployment
  - Lead the charge on security and infrastructure upgrades
  - Red team penetration testing

- **Smarter Services | Senior Software Engineer**
  - Managed AWS infrastructure for projects. From setting up static sites with CloudFront and S3 to managing and creating full load-balanced containerized applications hosted on ECS/Fargate and anything in between.
  - Lead Security Engineer
  - Maintained documentation for release and branching processes.
  - Setup CI/CD pipelines on Bitbucket
  - Mentored junior developers
  - Led the development of significant multi-faceted features

- **BravoLT | Software Engineer**
  - Contracted for Spectrum Health with a C# / angular stack
  - Spectrum Health legacy upgrades including security updates and niche problems that come with moving to newer environments
  - Developed for Spectrum's MyHealth Android, IOS, and Web app
  - Legacy windows server migration
  - Dev ops and DNS management for all of BravoLT's internal projects

- **BluJay Solutions | Software Engineer**
  - Wrote efficient and elegant backend solutions in Java for business problems that came up on a week-by-week basis
  - Created functional UI components in React.js
  - Created DB scripts for Oracle SQL databases
  - Worked in a fast pace Scrum environment

- **Grooters' Productions | Software Engineer**
  - Worked in Python, C and GoLang for custom server solutions
  - Created full Ionic app per client's request (HTML5 | Javascript | Angular)
  - Developed a system to handle automatic custom video rendering using blender, Python and an on perm server farm (PHP | Python)
  - Custom Google App extensions for Google Sheets for formatting specific CSV files (Javascript)
  - Custom Bluetooth communication with embedded devices written in C and React Native for the client side
  - Dev Ops with AWS managing Windows and Linux servers and load balancing

- **Solo Projects | Software Developer, Hobbyist**
  - (WIP) Conways Game of Life in Gameboy assembly
  - WLED Whisperer, a Go CLI application that communicates with the WLED firmware for microcontrollers such as the ESP 8266
  - Sharingan, an offensive recon tool for penetration testers. It will attempt to DNS brute forcing and save the results for later port scans or importing into another tool.
  - Binary keyboard using an Arduino micro / ATMega32U4, displays an OLED display with a binary value the user inputs and sends the ASCII equivalent as a keyboard press written in Arduino / C, This included making PCBs for the project as well.
  - Discord Bot for controlling AWS EC2 instance(s), Detecting secrets in Github Repos, Sending text messages to opted in users
  - Wrote a MacOs Dock application for Project Bubble Time management