

Address 1
Address 2

JR Smith
abysmal.ly

Phone Number
Email

EMPLOYMENT

Senior Software Engineer (remote) **Twitch** **Aug 2020 - Present**

- Designed and implemented infrastructure strategy for an API integral to the video content delivery network.
- Supported database migration by automating away data quality checks, increasing confidence in process.
- Converted bare metal network monitoring code to a staged deployment tool, increasing production safety.
- Led team wide effort to increase documentation coverage, making onboarding a smoother process for new hires.
- **TECH:** Go, Python, sh, Terraform, AWS, Jenkins, git

Senior Software Engineer (remote) **Capital One** **May 2017 - Aug 2020**

- Designed and built several regulator and internal analyst facing risk monitoring projects from the ground up.
- Saved thousands of hours of analyst time by automating their data flows and finding other methods to cut manual labor.
- Contributed code and documentation to several innersourced projects across several domains within the company.
- Advocated for and built skunk works wing of tech team, providing time-saving template projects to support other teams.
- Established CI/CD pipelines for our projects, ensuring we met internal requirements and industry standards.
- Espoused a pragmatic testing strategy across code and infrastructure, cutting failure rates to negligible levels.
- Helped interview and hire tech team. Managed tech resource allocation and mentored tech team's skill growth.
- Owned technical requirements, designed architectures across projects, and led user and tech focused UI/UX sessions.
- Championed Agile organization wide development practices. Sold stakeholders on the value of the methodology switch.
- Provided technical guidance for other teams' projects. Coached these teams through improvements in their processes.
- Led JIRA migration from disparate sources to an organized, thoroughly articulated backlog of stakeholder-sponsored work.
- **TECH:** JavaScript, TypeScript, Rust, Lua, Python, sh, Go, Powershell, batch, SQL, HTML5, CSS3
- **TECH:** git, Terraform, AWS, Docker, Jenkins, Kubernetes, Ansible, NodeJS, Vue, Webpack, D3, Postgres, Snowflake

Senior Software Engineer (remote) **Packetsled** **Jul 2016 - Apr 2017**

- Owned technical requirements and product UI design. Helped drive prioritized road map around customer needs.
- Created custom web based IDE, enabling users to edit threat detection scripts in real time on remote network sensors.
- Collaborated on a RESTful API to serve as a middleware layer between the IDE and the remote network sensor.
- Mentored teammates in front-end development, empowering them deploy prototypes - often later rolled into main product.
- **TECH:** JavaScript, MongoDB, HTML5, CSS3, Less, Knockout, Grunt, D3, Nodejs, NGINX, sh, Jenkins, git, Selenium

Technical Consultant **Aquilent** **Jun 2014 - Jul 2016**

- Led tech team during maintenance effort across several projects - including mentoring and resource allocation.
- Championed a major 508 compliance revitalization, collaborating with relevant stakeholders to establish requirements.
- Owned database migration and RESTful API creation for information on nationwide offices that assist in Healthcare.gov signup.
- **TECH:** JavaScript, Nodejs, Jekyll, HTML, Less, Ruby, Grunt, MySQL, Angular, Jenkins, Apache, Vagrant, NVDA, git, Selenium

EDUCATION

- **Georgia Institute of Technology:** M.S. in Computer Science. **Spring 2019 -**
– T.A. CSE6220: Intro to High Performance Computing.
- **University of Maryland, Baltimore County:** B.S. in Computer Science - Game Development track **Spring 2012 - Fall 2015**
– Lead programmer on team of 8 building a 3D Unreal Engine game in C++ for a Capstone.
- **University of Maryland, College Park:** B.A. in Economics and Middle East History **Fall 2004 - Spring 2008**

LANGUAGES AND TECHNOLOGIES

- **Languages:** C(99), C++(11), Rust, Lua, Python(3.x), JavaScript(ES6/Typescript), sh, batch, Powershell, HTML5, CSS3
- **Tools:** git, CMake, OpenGL(4.x), Valgrind, Postgres, MySQL, MongoDB
- **DevOps:** Terraform, Docker, AWS, Jenkins, Kubernetes, Ansible
- **Platforms:** Windows (Win32 API), Linux, OS X (Cocoa API)