

# Alexander Vander Woude

alex@alexvw.com | github.com/alexvw | linkedin.com/in/alexvw

**I am extremely passionate about using technology to improve society and have a proven track record of being hardworking and innovative enough to make it happen.**

Engineering Management | Agile | Code Review | Product Roadmap | Mentoring & Coaching  
Enterprise Architecture | AWS | Linux | Serverless | Performance Optimization | Multitenant Cloud  
Java | Spring | Hibernate | SQL & NoSQL | Kubernetes | Javascript | Python  
Virtual Reality | Applied Machine Learning | Artificial Intelligence | 3D Graphics

## Experience

**Founding Engineer and Engineering Manager at Iddataweb** *April 2012 - Present*

A decade+ of experience turning a concept into a market-leading cloud platform for identity verification and fraud reduction - "*Kuppinger Cole's Leadership Compass on Fraud Reduction Intelligence Platforms (FRIP) names Iddataweb as arguably THE technology leader when accounting for innovation and product capabilities.*" Serving Fortune 50, state and federal customers through hundreds of millions of transactions each year.

- As the **first Software Engineer** at IDW, created user interfaces driving product development through customer and end-user feedback. Built proof of concepts and demos to illustrate product capabilities and generate business opportunities. Scaled engineering team through funding round, hiring engineers, creating process, implementing industry standards to build a modern SaaS security organization.
- **Principal Engineer** for the Attribute Exchange Network, a multi-tenant cloud platform for identity verification and fraud reduction. Expanding AXN production capabilities as volume grows. Multi-region AWS microservice and serverless applications in Java+Spring and NodeJS, Kubernetes redundancy and scalability, on top of both relational MySQL and NoSQL db layers, with automated operations performance monitoring and remediation.
- **Engineering Manager**, managing and mentoring hard-working teams of back-end, operations, QA and front-end engineers, fostering a culture of innovation and collaboration to drive consistent YoY revenue growth. High staff retention rate and consistent feature deployment on a reliable no-downtime platform.

**Consultant at CRGT** (Now GovCIO) *May 2010 - Oct 2012*

UI/UX improvement focused rewrites of legacy applications, Proof of Concept rapid prototyping of new application concepts. Built the first prototype for the USPS Enterprise Energy Management System using Javascript/JQuery, Java, Oracle DB. Producing/writing/directing/editing a commercial for a large government agency, proposal support and business development, Internship and recruiting process overhaul.

## Hobbies & Projects

Experienced in virtual reality (VR) application creation, specializing in Unreal Engine and its integration with SteamVR and Meta products for VR games and demos.

Creation of VR+AI games and experiences, utilizing a VR front-end interface driven by cloud server persistent world with custom Machine Learning driven decisions and conversations.

Professional film production, graphics & editing. Functional 3D printing. Building custom drones.

## Education

BS Computer Science, Fine Art | 2010 | The College of William & Mary

Detailed resume available on request