Daniel Kozlowski

Technologist

CONTACT

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LOCATION

Address	9021 Weatherwood Ct
Postal Code & City	Va 22182 Vienna
Region	D.C.

WORK EXPERIENCE

Saving lifes and democracy as we know it through better digital service delivery
- Privding access to healthcare, education, and employment for 26 million American veterans
- Consulting with major federal agencies to plan and execut a shift to the cloud for service delivery
- Adapting federal technology policy for modern software development and deployment

Director of Engineering / Engineering Fellow Office of CTO at SevOne (2013-09-01 till 2016-11-01)

Led the Engineering department as Director of Engineering
- Helped grow team from start up through billion valuation
- Managed team of sixty developers and forty contractors
- Provided technical leadership across entire NMS product
- Oversaw multiple major product release cycles from inception to deployment
- Help transition from legacy application environment to cloud based service

Sr. Developer at SevOne (2010-02-01 till 2013-09-01)

Core contributor to NMS product
- Designed and implemented multiple new collection technologies for NMS
- Contributed to improved of scaleable clustered data collection platform
- Optimized data storage and retrieval components of NMS system
- Mentored and consulted Jr Developers

Computer Engineer at **Naval Surface Warfare Center** (2003-09-01 till 2010-01-31)

Design, deployed, and maintained computer control systems for US Warships

Maintained worlds largest Profibus network

Developed custom overlay OS for Siemens 400 series PLC's

Implemented GUI interface library for control of PLC from PC workstation

Circuit design and troubleshooting

Design of land based simulation and testing laboratory

L2/L3 network design and maintenance

EDUCATION

Drexel University (2001-09-01 till 2006-06-01)

Bachelor: Computer Engineering

PUBLICATIONS

[Redundancy in General Purpose Software Configured Control System for Critical Ship Systems](). 14th International Ships Control Symposium. 2009-09-01

AWARDS

2007-03-01

Naval Surface Warfare Center

Awarded for excellence in support of the Fleet

SKILLS

Software Design and Architecture (Master): C, C++, Java, J2EE, Scala, Rust, Javascript, Test Driven Development, Software Architecture

Continuous Deployment (Intermediate): DevOps, Cloud, AWS, Ansible, Chef

Database Design and Optimization (Advanced): SQL, NoSQL, MySQL, Relation Databases, Clusted Datastores, Custom Database Development, Time Series Database

INTERESTS

Language Theory: Functional Programming, Language Design, Esoteric Programming Languages, Domain Specific Languages

Embedded Systems: Arduino, Microcontrollers, Electronics

Distributed Systems: CAP Theory, Raft, Paxos, Scaleable Systems, Big Data

Machine Learning: Natural Language Processing, Nural Networks, Data Science