Daniel Kozlowski

Technologist

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CONTACT

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LOCATION

Address	9021 Weatherwood Ct
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Region	D.C.

WORK EXPERIENCE

Digital System Expert at United States Digital Service (2016-11-14 till 2018-11-14)

Saving lives and democracy as we know it through better digital service delivery

- Provided access to health care, education, and employment for 26 million American veterans
- Consulting with major federal agencies to plan and execute a shift to the cloud for service delivery
- Adapting federal technology policy for modern software development and deployment
- Enabling digital transformation of legacy computing systems and infrastructure

Engineering Fellow, Office of CTO at SevOne (2016-03-01 till 2016-11-01)

Revitalized software platform for main product, transiting appliance model into cloud ready application

- Transitioned product from monolithic appliance into cloud enabled application
- Designed highly scaleable message passing infrastructure for micro-service operation
- Oversaw and mentored development teams implementing design changes
- Architect ed automated build and deployment systems
- Implemented cloud build out of modernized system

Director of Engineering at SevOne (2013-09-01 till 2016-03-01)

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 Network Monitoring System product
- Oversaw multiple major product release cycles from inception to deployment

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 junior 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, Clustered 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