

ERIC MILLER

SUMMARY

Results-driven IT leader with over two decades of experience in software development, cyber intelligence, and strategic leadership, specializing in full-stack development (.NET, C#, Python, React), cloud infrastructure (AWS, Azure), and Agile methodologies (Scrum, Kanban). Proven track record leading distributed teams to deliver scalable SaaS solutions, reducing production bugs by 40% and enhancing efficiency through CI/CD pipelines, DevSecOps practices, and incident response plans. Expert in AI, machine learning, and cybersecurity, with a focus on innovation and cross-functional collaboration to drive digital transformation.

SKILLS

Leadership & Management

Visionary leadership, team building, mentorship, hiring, performance reviews, cross-functional collaboration, leading remote teams, distributed team leadership, strategic leadership, Scrum Master, resource planning, budgeting, stakeholder engagement, change management, risk management, vendor management.

Software Development

Full-stack development, .NET, C#, Java, JavaScript, TypeScript, Python, React, Angular, Next.js, Tailwind, PHP, Progressive Web Apps (PWA), RESTful APIs, Git, Event Driven Architecture, Rust, Docker, memory-safe programming, code reviews, TDD, BDD, OOP, functional programming, design patterns, SOLID principles, clean code, refactoring.

Cloud & Infrastructure

AWS, Azure, serverless architecture, microservices, Windows Server, Linux, Apache, IIS, GitHub Actions, CI/CD, cloud-native architecture, Kubernetes, Jenkins, Terraform, containerization, infrastructure as code, DevOps, SaaS, PaaS, IaaS, virtualization, networking, scalability, SRE.

Cybersecurity

Certified in Cybersecurity (CC), Security Fundamentals, Risk Management, Threat Modeling, Identity & Access Management (IAM), Incident Response, Security Governance, Compliance Frameworks (NIST, ISO 27001), Vulnerability Management, Cyber Intelligence, OSINT.

Agile & Project Management

Agile methodologies, Scrum, Kanban, Azure DevOps, Jira, remote agile, SDLC management, incident response, DataDog monitoring, project management, PMP, ITIL, SAFe, Lean Six Sigma.

Data & AI

SQL, MySQL, PostgreSQL, MongoDB, NoSQL, Oracle, API design, API governance, AI, machine learning, reinforcement learning, predictive modeling, geospatial analysis, data analytics, business intelligence, ETL, data warehousing, TensorFlow, PyTorch, NLP, deep learning.

Tools & Technologies

HTML, CSS, SASS, SCSS, LESS, jQuery, Bootstrap, WordPress, Shopify, Drupal, Typo3, Visual Studio, Visual Studio Code, Microsoft Teams, Zoom, SharePoint, Power BI, Excel, PowerPoint, Power Automate Flow, automated reporting, process automation, Slack, Asana, Trello, Confluence, Salesforce, ERP, CRM.

EXPERIENCE

A-S Medication Solutions, Fremont, NE - *Software Development Manager*

FEB 2024 - JUL 2025

- Led 24 reports (onshore and offshore) across multiple teams to deliver software solutions while improving project coordination and efficiency.
- Managed SDLC using Scrum and Kanban, ensuring timely delivery of user stories via Azure DevOps.
- Developed Software Development Incident Response Plan, reducing disruptions by 25%.
- Implemented Power Automate Flow to automate reporting, enhancing Azure DevOps functionality and team productivity by 20%.
- Conducted hiring, candidate evaluations, and data-driven performance reviews, fostering team growth.
- Utilized .NET, C#, JavaScript, and Python to develop scalable software solutions, enhancing team productivity by integrating Azure DevOps and Power Automate for streamlined workflows
- **November 2024 Golden Pill Award Recipient**

National Defense Lab, Washington, DC - *Fractional Director of Research & Innovation*

AUG 2023 - PRESENT

- Led AI-driven threat detection and geospatial cyber intelligence initiatives, leveraging OSINT and machine learning to improve vulnerability assessment and response times by 30%.
- Championed secure by design principles in R&D, aligning with NIST Cybersecurity Framework (CSF) and Zero Trust Architecture.
- Secure stakeholder alignment and fostered partnerships with public sector and government agencies, leading to increased funding and collaborative opportunities.

Orion Advisor Technology, Omaha, NE - *Application Development Leader*

NOV 2021 - SEP 2023

- Led two remote teams, reducing production bugs by 40% and increasing development velocity by 30%.
- Served as Development Manager and Scrum Master, streamlining operations with Azure DevOps and Jira.
- Improved system efficiency using DataDog monitoring and delivered weekly metric reports via Power BI and SharePoint.
- Managed resource allocation, hiring, training, and release verification for 8 developers.
- Utilized AWS, DataDog, .NET, C#, Angular, SaaS, micro-services, Git, Jira, Azure DevOps, and Power BI to develop scalable applications, improving system reliability and user experience
- Internally recognized for team velocity improvements

Moody's Analytics, Omaha, NE - *Principal Software Engineer*

AUG 2014 - NOV 2021

- Led a hybrid 12-engineer team that was developing and supporting a SaaS-based web application serving 800+ global clients (\$40M portfolio).
- Shaped development standards, conducted code reviews, and coached Agile practices as Scrum Master.
- Earned promotions from Senior Software Engineer (2014) to Lead (2016) and Principal Software Engineer (2020) by consistently delivering high-quality projects and demonstrating leadership
- Contributed to full-stack development, ensuring high-quality code and user experience, which led to increased user satisfaction and reduced bug reports
- Utilized technologies such as SQL, .NET, C#, JavaScript, TypeScript, WCF, SaaS, micro-services, Azure, AWS, jQuery, and Git to develop scalable solutions, enhancing application performance and reliability
- **2018 "Extra Mile" Award recipient**

Midwest Cloud Computing, Omaha, NE - Senior Consultant

JUL 2013 - AUG 2014

- Architected human resources applications for pre-revenue startup with a mobile-first approach, utilizing cognitive and EQ analysis to enhance team building, resulting in improved collaboration and efficiency
- Enhanced system performance and user experience by developing robust applications using .NET and C#, leading to increased user satisfaction
- Utilized technologies such as .NET, C#, PostgreSQL, and Angular to streamline application development processes, resulting in faster deployment and improved system reliability

Capstone Consulting, Omaha, NE - Senior Consultant

DEC 2011 - JUN 2013

- Developed genomics and IoT integrated solutions for established business, including hardware/data architecture and RESTful APIs, which improved data processing efficiency and user experience
- Migrated Drupal instance from MySQL to PostgreSQL, enhancing database performance and scalability, and evaluated PhoneGap for mobile apps to determine its suitability for cross-platform development
- Utilized technologies such as SQL, .NET, C#, Angular, Azure, WCF, REST, MySQL, PostgreSQL, Drupal, Android, and PhoneGap to develop robust applications, resulting in improved system integration and functionality

Client Resources Inc, Omaha, NE - Consultant

JUL 2011 - APR 2012

- Developed front-end interfaces using Angular, TypeScript, and SCSS, and created Android-based mobile apps, improving user engagement and app functionality
- Enhanced user experience and application performance for financial and e-commerce platforms.
- Utilized HTML, Angular, TypeScript, SCSS, JavaScript, and jQuery to streamline development processes, resulting in faster deployment and improved application performance

Medico Insurance Group, Omaha, NE - Webmaster

AUG 2009 - MAY 2011

- Led a team of 4 to modernize Java web applications and migrate HTML sites to Drupal CMS, enhancing site performance and user experience.
- Developed API middleware and mobile-friendly interfaces, improving accessibility and engagement.
- Utilized Java, J2EE, JSP, Struts, Tomcat, Drupal, PHP, HTML, CSS, and jQuery to enhance web application functionality and streamline development processes

EDUCATION

Creighton University, Omaha, NE - *Management of Information Systems / Leadership*

SEP 2004 - MAY 2006

ITT Technical Institute, Omaha, NE - *A.A.S. Web Development*

SEP 2002 - SEP 2004

CERTIFICATIONS

(ISC)² *Certified in Cybersecurity (CC) - October 2025*

FEMA IS-200: *Basic Incident Command System for Initial Response - April 2024*

FEMA IS-800: *Introduction to the National Response Framework - April 2024*

FEMA IS-100: *Introduction to Incident Command System - May 2015*

FEMA IS-700: *Introduction to National Incident Management System - May 2015*

Scrum Alliance *Certified Scrum Master - September 2012*

VOLUNTEER

Team Rubicon USA - *Greyshirt*

MAY 2019 - *PRESENT*

- Disaster response volunteer supporting communities post-crisis, collaborating with FEMA and other federal, state, and local agencies.
- Organization Certifications: Advon / Recon, Sawyer, Site Survey, and Instructor.

LINKS

- Portfolio <https://pseudoninja.com>
- LinkedIn <https://www.linkedin.com/in/pseudoninja>
- GitHub <https://github.com/pseudoninja>
- Stack Overflow <https://stackoverflow.com/users/588005/pseudoninja>