

BRAD MYRICK

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 Portfolio: [kodr.pro](#) |  GitHub: [BradMyrick](#) |  @kodr_pro

PROFESSIONAL SUMMARY

US Army Veteran and Senior Software Engineering Manager with deep expertise in blockchain security, distributed systems, and decentralized infrastructure. Proven track record of building and leading elite engineering teams, delivering robust, scalable platforms, and translating strategic vision into production-grade technology. Passionate about advancing frontier technologies through rigorous engineering and strong leadership.

EDUCATION

B.Sc. Computer Science — Full Sail University

Salutatorian, Advanced Achievement Award Recipient

Commercial Diver Certification — CDA Technical Institute

DCBC Commercial Diver (Unrestricted)

NDT Level II Certified

Scuba Dive Master (extracurricular)

PROFESSIONAL EXPERIENCE

Senior Software Engineering Manager — Deep Green X

Apr 2025 – Present | deepgreenx.com

Lead engineering for the **Oko blockchain**, defining architecture, security, and performance optimization for next-generation distributed consensus.

Drive technical strategy across **Rust**, **Cap'n Proto**, and containerized microservices with a focus on modular, secure, auditable system design.

Manage a distributed team of engineers; establish coding standards, conduct architecture reviews, and mentor senior developers.

Implement DevOps and SRE best practices for **CI/CD**, observability, and reliable deployments using Kubernetes and modern cloud pipelines.

Collaborate directly with executive leadership to turn conceptual blockchain innovations into deployable, production-ready systems.

Senior Software Engineer — TruGard.AI (formerly TruGard.IO)

2022 – Apr 2025

Promoted to Senior Engineer for excellence in blockchain security R&D.

Designed and implemented scalable **ETL pipelines** for parsing EVM data, extracting and normalizing contract and wallet analytics.

Reverse-engineered Solidity bytecode to generate interpretable security insights, enabling advanced contract classification in **graph databases**.

Led Kubernetes-based cloud deployments on **GCP** and **KServe**, integrating blockchain data providers such as QuickNode.

Architected capability-based authentication and authorization systems to meet advanced security standards.

Mentored junior engineers and drove adoption of secure coding practices and automated testing frameworks.

Software Engineer — Tacvue.io / Kodr.pro

2019 – 2022

Built full-stack **Web3 dApps** and smart contracts supporting NFT trait assembly, minting, and on-chain data validation.

Developed Go and TypeScript backends with **AWS** and **Moralis DB**, optimizing for low-latency blockchain interactions.

Drove end-to-end product delivery from architecture to deployment for decentralized application networks.

Diver Foreman — Underwater Construction Corporation

2014 – 2019

Led underwater inspection and repair operations at U.S. nuclear facilities under **NRC safety compliance**.

Supervised and trained dive teams on high-risk projects, including major containment repair and NDT certification programs.

U.S. Army Sergeant / DoD Contractor — M109A6 Systems Technician

2005 – 2012

Led combat convoy security operations in Iraq (2008–2009).

Served as Foreign Military Technical Trainer with DoD Iraq (2011–2012), instructing field artillery maintenance for international partners.

CERTIFICATIONS & TECHNICAL SKILLS

Certifications

eJPT (Ethical Hacking), DCBC Diver (Unrestricted), NDT Level I & II, Boot.dev Backend (Go)

Technical Skills

Languages: Rust, Go, Cap'n Proto, Python, TypeScript

Cloud & DevOps: GCP, OVH, Kubernetes, KServe, CI/CD, Observability

Security: Capability-based design, bytecode disassembly, smart contract auditing

Data & Tools: scikit-learn, Prometheus/Grafana dashboards, Android development