Daniel Bodnar

Solutions Architect • Site Reliability Engineer • Platform & Infrastructure Engineer • Linux
Evangelist
USA
20+ years experience

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*Self-taught expert in the IT sector with a unique combination of extensive hands-on
experience and innate ability for abstract thinking. Professional journey spanning over
two decades, defined by the development of a powerful mental framework that enables
dissecting, analyzing, and solving complex technological challenges with exceptional
efficiency.*

PROFESSIONAL EXPERIENCE

JUN 2021– PRESENT

FOUNDER, CLOUD ARCHITECT, CIO BITBUILDER CLOUD, LLC, USA
Founded a web hosting and cloud consulting private SAAS company
Built custom bare metal infrastructure with 2TB+ RAM, 320 cores, 64TB NVMe
storage
Containerized and load-balanced high-profile organizations with 1M+ global
visitors/day
Orchestrated global scaling via multi-cloud hybrid overlay layer with custom
k8s distribution

APR 2019–JUN 2021

SRE, SYSADMIN, PLATFORMS ENGINEER RSVP & ACT, INC, USA
Managed and performance-tuned +3.5TB PostgreSQL database cluster
Architected dynamically scaling, secure, version-controlled hybrid and bare-
metal kubernetes clusters
Deployed self-hosted GitLab instance with DevOps build pipelines and blue-
green deployments
Implemented comprehensive monitoring, alerting, logging, tracing, and
observability tools

JAN 2018–APR 2019

IT DIRECTOR PERSPECTIVES.ORG, USA
Developed 5-year vision, roadmap, and project plan to rebuild legacy
monolithic .NET 3.5 application
Increased cloud hosting capacity by 10x while reducing budget by 50%
Reduced minimum page load time from 5 seconds to 0.8 seconds average
Built DRM-secured offline-enabled streaming video player desktop app in Go

MAR 2014–JUN 2017

PROFESSIONAL APPLICATION DEVELOPER AT&T CORP., USA
Full stack application engineer building custom web-based tools and services
Led team-wide migration from rails/mysql stack to node.js, angular.js, and
mongodb
Architected large-scale external "Order Status" application with decoupled
microservice pipeline
Managed entire project pipeline from requirements gathering to production
deployment

CORE COMPETENCIES

CLOUD ARCHITECTURE

EXPERT IN MULTI-CLOUD HYBRID INFRASTRUCTURE
Expert in AWS, GCP, DigitalOcean, Vultr, and Cloudflare platforms
Designed vendor-agnostic, globally distributed, highly-available systems
Built e2e encrypted hyper-converged platform handling millions of daily requests

KUBERNETES & CONTAINERIZATION

ADVANCED ORCHESTRATION AND SCALING
Deep expertise in custom k8s distributions, buildroot, and WolfiOS
Managed dynamically scaling, secure, version-controlled clusters
Containerized complex applications with advanced networking configurations

DATABASE ADMINISTRATION

HIGH-PERFORMANCE DATA MANAGEMENT
Performance-tuned multi-terabyte PostgreSQL, MySQL, and SQLite databases
Implemented comprehensive backup, disaster recovery, and high-availability strategies
Optimized query performance for systems handling massive concurrent loads

SITE RELIABILITY ENGINEERING

OBSERVABILITY-DRIVEN INFRASTRUCTURE
Built comprehensive monitoring stacks with Grafana, Prometheus, VictoriaMetrics
Implemented Infrastructure-as-Code procedures and GitLab-based CI/CD pipelines
Maintained 99.9%+ uptime for mission-critical production systems

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

POLYGLOT DEVELOPER WITH SYSTEMS FOCUS
Expert in Go for high-performance backend services and system tools
Advanced Python for automation, data processing, and infrastructure tooling
Proficient in Node.js for full-stack web applications and APIs
Master-level Bash scripting for system administration and automation

INFRASTRUCTURE & AUTOMATION

MODERN DEVOPS AND IAC PRACTICES
Advanced Ansible for configuration management and deployment automation
Terraform for infrastructure provisioning across multiple cloud providers
ZFS for high-performance, reliable storage systems with snapshots and replication
Proxmox for virtualization and container orchestration

SECURITY & NETWORKING

COMPREHENSIVE SECURITY-FIRST APPROACH
Deployed Wazuh, OpenVAS, Nessus for comprehensive security monitoring
Implemented Wireguard VPNs and Teleport for secure remote access
Advanced networking with VLANs, InfiniBand, and high-speed ethernet
Container security scanning with Trivy and vulnerability management

KEY ACHIEVEMENTS

HIGH-PERFORMANCE INFRASTRUCTURE

CUSTOM BARE METAL EXCELLENCE — BITBUILDER CLOUD

10X CAPACITY, 50% BUDGET REDUCTION

STRATEGIC OPTIMIZATION — PERSPECTIVES.ORG

5-SECOND TO 0.8-SECOND OPTIMIZATION

PERFORMANCE ENGINEERING — PERSPECTIVES.ORG

ZERO DATA LOSS TRACK RECORD

RELIABILITY ENGINEERING — ALL POSITIONS

PROFESSIONAL DEVELOPMENT

2003–PRESENT

SELF-TAUGHT CONTINUOUS LEARNING — INFORMATION TECHNOLOGY
Extensive hands-on experience spanning over two decades
Developed powerful mental framework for complex technological challenges
Continuous learning in cloud architecture, SRE, and platform infrastructure

FOCUS AREAS

SPECIALIZED EXPERTISE DEVELOPMENT — ONGOING
Advanced Kubernetes orchestration and custom distribution development
Multi-cloud architecture patterns and vendor-agnostic solutions
High-performance database administration and optimization techniques

TECHNICAL PHILOSOPHY

SYSTEMS THINKING

HOLISTIC APPROACH TO TECHNOLOGY
Rapidly understanding complex systems and envisioning comprehensive solutions

Identifying hidden patterns and connections within technological ecosystems
Transforming abstract possibilities into concrete, practical action plans

RELIABILITY AND PERFORMANCE FOCUS
Combining high-level architectural vision with low-level technical expertise
Continuous optimization and improvement without disrupting established momentum
Security-first architecture with defense-in-depth principles