

Daniel Bodnar

SOLUTIONS ARCHITECT • SITE RELIABILITY ENGINEER • PLATFORM & INFRASTRUCTURE ENGINEER


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.

CONTACT

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 danielbodnar.com

 daniel-bodnar

CORE STRENGTHS

- Rapidly understanding complex systems
- Identifying hidden patterns in tech ecosystems
- Transforming abstract possibilities into concrete plans
- Combining high-level vision with technical expertise
- Continuous optimization without disrupting momentum

CLOUD & INFRASTRUCTURE

- Kubernetes
- Docker
- AWS
- GCP
- Proxmox
- ZFS
- Ansible
- Terraform

LANGUAGES & DATABASES

- Go
- Python
- Node.js
- Bash
- PostgreSQL
- MySQL
- SQLite
- MongoDB

MONITORING & SECURITY

- Grafana
- Prometheus
- VictoriaMetrics
- NetData
- Jaeger
- Wazuh
- OpenVAS
- Wireguard

PROFESSIONAL EXPERIENCE

Jun 2021 - Present USA

FOUNDER, CLOUD ARCHITECT, CIO – BitBuilder Cloud, LLC

Launched a web hosting and cloud consulting private SAAS company using 5 highly customized AMD & Dell based co-located servers. Containerized and load-balanced several high-profile organizations with 1M+ global visitors/day. Single-handedly built core services on co-located custom bare metal 3rd-gen AMD-based servers with over 2TB RAM, 320 cores, 64TB enterprise-grade NVMe storage. Orchestrated global scaling via a multi-cloud hybrid overlay layer based on custom k8s distribution and buildroot and WolfiOS (alpine-based) immutable linux operating systems. Implemented constant monitoring and observability using Grafana, Prometheus, VictoriaMetrics, NetData, Jaeger.

Apr 2019 - Jun 2021 USA

SRE, SYSADMIN, AND PLATFORMS ENGINEER – RSVP & ACT, Inc

Managed and performance-tuned +3.5TB postgresql database cluster, MySql and SQLite databases. Architected, deployed, and managed dynamically scaling, secure, and fully version-controlled hybrid and bare-metal kubernetes clusters. Deployed and managed self-hosted gitlab instance with DevOps build pipelines and automatic blue-green deployments. Implemented monitoring, alerting, logging, tracing, and observability tools. Implemented and enforced gitlab-based Infrastructure-as-Code procedures and pipelines.

Jan 2018 - Apr 2019 USA

IT DIRECTOR – Perspectives.org

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 sec to an avg of 0.8s. Built a DRM-secured offline-enabled streaming video player desktop app in Go.

Mar 2014 - Jun 2017 USA

PROFESSIONAL APPLICATION DEVELOPER – AT&T Corp.

Full stack application engineer building custom web-based tools and services. Managed entire project pipeline, from requirements gathering to production deployment. Led team-wide migration from rails/mysql stack to node.js, angular.js, and mongodb. Architected and built a large-scale external “Order Status” application and a decoupled “microservice” pipeline.

KEY ACHIEVEMENTS

HIGH-PERFORMANCE INFRASTRUCTURE DESIGN
BitBuilder Cloud, LLC

Built custom bare metal infrastructure with 2TB+ RAM, 320 cores, 64TB NVMe storage, handling 1M+ daily visitors across multiple high-profile organizations.

2021 - Present

10X CAPACITY INCREASE WITH 50% BUDGET REDUCTION
Perspectives.org

Increased cloud hosting capacity by 10x while reducing budget by 50% through strategic infrastructure optimization.

2018 - 2019

5-SECOND TO 0.8-SECOND PAGE LOAD OPTIMIZATION
Perspectives.org

Reduced minimum page load time from 5 seconds to an average of 0.8 seconds through comprehensive performance engineering.

2018 - 2019

PROFESSIONAL DEVELOPMENT

SELF-TAUGHT PROFESSIONAL DEVELOPMENT
Continuous Learning in Information Technology

Self-taught expert with extensive hands-on experience spanning over two decades. Developed powerful mental framework for dissecting, analyzing, and solving complex technological challenges with exceptional efficiency.

2003 - Present