

Daniel Bodnar

Solutions Architect • Site Reliability Engineer • Platform & Infrastructure Engineer • Linux Evangelist

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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.

Experience

Founder, Cloud Architect, CIO

BitBuilder Cloud, LLC - [BitBuilder Cloud Platform](#)

2021 Jun. — present USA

- 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
- Configured quad-port 25Gb/s ethernet + dual-port 100Gbe mellanox connectx-5 (OCP) NICs
- 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

SRE, SysAdmin, and Platforms Engineer

RSVP & ACT, Inc - [RSVP Platform](#)

2019 Apr. — 2021 Jun. USA

- 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
- Deployed and managed multiple host, network, and container security tools and vulnerability scanners

IT Director

Perspectives.org - [Educational Platform](#)

2018 Jan. — 2019 Apr. 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 sec to an avg of 0.8s
- Built a DRM-secured offline-enabled streaming video player desktop app in Go

Professional Application Developer

AT&T Corp. - [Order Status System](#)

2014 Mar. — 2017 Jun. USA

- Full stack application engineer building custom web-based tools and services

Objective

Seeking to leverage 20+ years of experience in solving complex technological challenges and building scalable infrastructure solutions for organizations that value innovation, technical excellence, and continuous improvement.

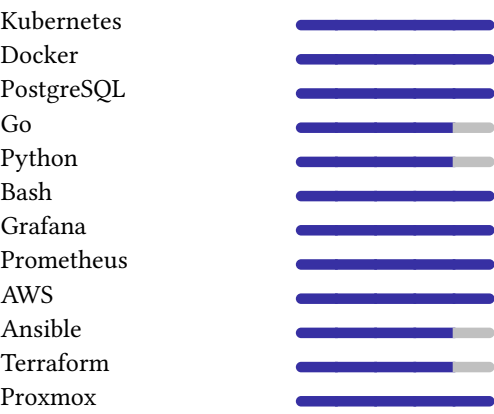
Education

Self-Taught Professional Development

2003 - present USA

Continuous Learning in Information Technology

Technical Expertise



Skills/Exposure

• Kubernetes • Docker • PostgreSQL • MySQL • SQLite • MongoDB • Go • Python • Node.js • Bash • AWS • GCP • DigitalOcean • Vultr • Cloudflare • Grafana • Prometheus • VictoriaMetrics • NetData • Jaeger • ELK Stack • Zabbix • Wazuh • OpenVAS • Nessus • Trivy • Wireguard • Teleport • ZFS • Ansible • Terraform

Methodology/Approach

• Infrastructure as Code • Site Reliability Engineering • DevOps • Continuous Integration/Continuous Deployment • Observability-Driven Development • Performance Engineering • Security-First Architecture

Tools

- 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
- Engineered a docker-based devops and deployment pipeline
- Architected and built a large-scale external "Order Status" application and a decoupled "microservice" pipeline

• GitHub • GitLab • Proxmox • Grafana • Prometheus • VictoriaMetrics • NetData • Jaeger • Wazuh • OpenVAS • Terraform • Ansible

Achievements/Certifications

10x Capacity Increase with 50% Budget Reduction

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

High-Performance Infrastructure Design

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

5-Second to 0.8-Second Page Load Optimization

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