

Brian Philippus

 Las Vegas, NV
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  bphilippus
  US Citizen

Summary

Strategic Software Engineering Leader & Architect with over 28 years of experience building and scaling mission-critical systems within the Berkshire Hathaway energy portfolio. Proven track record in modernizing legacy architectures into high-availability, cloud-native environments using Kubernetes, Docker, and Java/C#. Expert at leading cross-functional teams to deliver production-grade platforms that support essential infrastructure and millions of customers. Combines deep technical expertise in distributed systems and CI/CD automation with the executive-level judgment required to operate in highly regulated, large-scale environments.

Experience

Midamerican Energy Company, Manager, Applications Development

Spearheaded the strategic consolidation of cross-functional software engineering and business analysis teams from three separate affiliates into a unified, high-performing organization. Directed the modernization of legacy .NET architecture by architecting a migration to Kubernetes, successfully offloading infrastructure management while enhancing system high availability. Oversee a diverse portfolio of complex in-house and vendor-managed systems, ensuring 24/7 reliability and the timely delivery of secure technical solutions in a high-demand, customer-centric environment.

I maintain a culture of high performance by personally driving project ownership and following through with stakeholders to ensure seamless delivery of business priorities.

Las Vegas, NV

Sept 2025 – present

1 year

NV Energy, Solutions Architect

Solutions Architect and technical lead for the implementation of Oracle Utilities Network Management System (NMS), a mission-critical Advanced Distribution Management System supporting regulated utility operations. Provides enterprise-level solution architecture leadership across application, data, integration, and security domains, ensuring alignment with long-term technology strategy, governance standards, and regulatory compliance. Highly regarded for cross-functional collaboration, vendor alignment, and driving high-quality, repeatable architecture outcomes on complex, high-stakes programs.

Las Vegas, NV

June 2024 – Sept 2025

1 year 4 months

NV Energy, Senior Platform Engineer

Strategic Technical Lead who architected and managed high-availability platform environments for mission-critical web and mobile applications. Spearheaded DevOps transformation by implementing CI/CD pipelines using Concourse and Jenkins and streamlining operations through extensive Ansible automation. Led cross-functional teams of 6–12 engineers and contractors, prioritizing workstreams and removing technical blockers to ensure consistent delivery of enterprise goals.

Directed the management of containerized workloads across Docker, Tanzu Application Server, and Tanzu Kubernetes Grid. Collaborated closely with IT and business leadership to define infrastructure vision, execute complex RFP processes for hardware/software replacement, and maintain 24/7 system reliability. Ensured rigorous operational excellence through disciplined incident management, root-cause analysis, and strict adherence to security and regulatory compliance frameworks, including SOX.

Las Vegas, NV

Apr 2017 – June 2024

7 years 3 months

NV Energy, Senior Software Engineer

Contributed 19 years of technical expertise across two specialized teams: 12 years delivering custom internal corporate applications via Rapid Application Development (RAD) and 7 years architecting enterprise-scale integrations using both synchronous (request-response) and asynchronous (batch) methodologies.

Provided advanced technical expertise and guidance in the architecture, design, and implementation of complex enterprise systems. I served as a technical lead for high-stakes projects, directing cross-functional teams of engineers and contractors while managing project budgets and establishing secure development patterns. My tenure involved architecting robust, fault-tolerant integration solutions for mission-critical initiatives—such as the company's first Smart Grid deployment—using Java, XSLT, and IBM middleware to bridge large-scale, disconnected systems.

Las Vegas, NV

May 1998 – Apr 2017

19 years

Education

MBA **University of Colorado - Colorado Springs**, Business Administration

- Option: Information Systems

BS **Colorado School of Mines**, Mathematics And Computer Sciences

Skills

Containerization & Orchestration: Kubernetes, Docker, Vagrant

Virtualization: VMWare, Tanzu, VirtualBox

Infrastructure as Code (IaC) & Config Management: Ansible, Terraform, Hashicorp Vault, Consul

Operating Systems: Linux, Windows Server

Programming Languages: Java, C# (.NET), C++, JavaScript

Scripting: Bash, ksh, SQL, PL/SQL, RegEx

Build & Automation: Jenkins, Concourse, Ant, cron

Version Control: Git, BitBucket

Monitoring & Logging: Kibana, Elastic Search (ELK stack)

Databases: Oracle, MySQL, PostgreSQL, SQL Server, Couchbase

API Protocols & Testing: REST, SOAP, SOAPui, ReadyAPI, curl, Twilio

Collaboration: Azure DevOps, Jira, Confluence