

Ryan Wilson

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Summary

A highly versatile **Systems Architect** and **Developer** dedicated to deploying and managing innovative technical solutions across complex environments. Expertise spanning modern cloud platforms, various enterprise technologies, and modern web frameworks. Personable, dedicated and reliable. I can adapt quickly based on the given situation which has resulted in successfully managing projects from client prospecting through deployment and post-launch support.

Core Competencies

Development: React/Next.js, Vue/Nuxt, Svelte/Sveltekit, Node.js/Express, tRPC, GraphQL, Laravel, Tailwind CSS, SASS, PostgreSQL, MongoDB, MariaDB, Timescale DB, headless Wordpress, Sanity.io, Strapi, Prisma, Drizzle, Redis

Cloud & DevOps: AWS (RDS, Lightsail, S3, VPC, Cognito, IAM), Azure (Entra ID, Functions, Blob storage, Resource Manager, Azure Backup, Site Recovery, CI/CD), familiar with VPC and IAM across all major cloud providers. Experience with Vercel, Heroku, DigitalOcean, Akamai/Linode.

IT & Networking: VMWare, Linux (SELinux, Sys-V, Systemd, Debian & Redhat based systems) Windows Server, Windows 10/11, Active Directory, 389-DS/RHDS, Cisco Routing & Switching, Cisco Meraki, Talari SD-WAN, Riverbed Steelhead, Citrix XenDesktop, Azure Virtual Desktop, TCP/IP (OSI reference) stack troubleshooting L1-4 & 5-7. VLAN segmentation, L3 subnetting, Ubiquiti equipment including AirFiber visibility and monitoring.

Cybersecurity: Network & system security, end-user education and training, vulnerability assessments, risk management, Fortinet Security Fabric (FortiGate, FortiSwitch, FortiAnalyzer, Forticlient), Cisco ASA & Firepower NGFW, SIEM solutions, beginner-intermediate penetration testing.

Programming Languages: C, C#, Python, Javascript, Typescript, PHP, Lua, Bash

Professional Experience

Freelance Developer

ryanwilson.io | November 2024 – Present

- Architected and delivered full-stack web applications using React/Next.js, Vue/Nuxt, and SvelteKit for small business clients.
- Developed type-safe REST APIs with Node.js/Express, along with leveraging tRPC, GraphQL, and Supabase based on project requirements.
- Managed application deployment on AWS, Netlify, Vercel, and DigitalOcean, implementing CI/CD, CDN, and caching using Redis.
- Managed database systems including PostgreSQL, MongoDB, and MariaDB.
- Handled the full project lifecycle, from client prospecting and requirements gathering to post-launch support.

Systems Engineer

DH Pace | July 2023 – August 2024

- Managed enterprise IT hybrid infrastructure and security and administering VMware environments (vCenter, ESXi hosts).
- Managed AWS infrastructure and Cisco Meraki cloud-managed networks.
- Deployed and maintained Fortinet firewalls, Cisco and Aruba equipment, VPNs, and managed CrowdStrike Falcon endpoint protection.

Freelance Consultant

RYIO Consulting | March 2022 – June 2023

- Provided comprehensive IT consulting services for small to medium-sized businesses.
- Managed Windows Server and Linux environments including Active Directory and Group Policy.
- Administered Microsoft Azure and AWS environments.

Technical Support Specialist / Systems Administrator

BlueAlly | October 2019 – December 2021

- Provided managed IT support and infrastructure management for multiple client environments, maintaining strict SLAs.
- Implemented and managed Fortinet Security Fabric solutions, Cisco ASA and Cisco Firepower
- Deployed and managed Riverbed Steelheads for increased network performance and content delivery across the WAN.
- Deployed and configured Talari SD-WAN solutions.
- Administered Linux servers including package management, service configuration, and shell scripting

Help Desk Specialist (*contract*)

Casey's General Stores | July 2019 – October 2019

- Brought on to roll out and deploy the new online ordering system for all Casey's General Stores within the midwest region.
- Assisted help desk technicians with their intake of calls and resolving system issues at Casey's locations.

Datacenter Technician (*contract*)

ZT Systems (Microsoft DC DSM-1-4 & DSM-5-6) | November 2017 – December 2018

- Diagnosed and triaged server failures to determine efficient restoration paths.
- Performed Cisco switch configuration and troubleshooting for datacenter connectivity.
- Cisco Nexus switching
- Complying by strict Microsoft SLAs for server failures and network outages.
- Cluster/rack deployments

Education

Des Moines Area Community College | Associate in Applied Science in **Information Technology**

Network Administration

Graduated May 2016