Ryan Wilson

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Summary

A highly versatile **Solutions 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, Ruby on Rails, Tailwind CSS, SASS, PostgreSQL, MongoDB, headless Wordpress, Sanity.io, Strapi, Prisma, Drizzle, EloquentORM, ActiveRecord, Redis, Supabase

Cloud & DevOps: AWS (RDS, Lightsail, S3, VPC, Cognito, IAM), Azure (Entra ID, Functions, Blob storage, Resource Manager, Azure Backup, 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 & RHEL-based systems) Windows Server, Windows 10/11, Active Directory, 389-DS/RHDS, Cisco R&S, Cisco Meraki, Talari SD-WAN, Riverbed Steelhead, Citrix XenDesktop, Azure Virtual Desktop, TCP/IP, troubleshooting L1-4 & 5-7, VLAN segmentation, L3 subnetting, Ubiquiti equipment including AirFiber visibility and monitoring. Exposure to Aruba, Arista, and Juniper equipment as well.

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.

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

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Professional Experience

Freelance Developer
ryanwilson.io | *November 2024 – Present*

- Architected and delivered full-stack web applications using React/Next.js, Vue/Nuxt, SvelteKit, and Laravel 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, Linode, and DigitalOcean, implementing CI/CD, CDN, and caching using Upstash Redis.

- Managed database systems including PostgreSQL, SQLite, MongoDB, and MariaDB.
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- 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.

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

Western Governors University | Bachelor of Science in **Cybersecurity and Information Assurance**
January 1, 2026 - Present

Des Moines Area Community College | Associate in Applied Science in **Information Technology Network Administration**
Graduated May 2016