

# 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.

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## 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#, Python, Javascript, Typescript, PHP, Lua, Bash, Powershell

## 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.
- 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
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## **Education**

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

Graduated May 2016