Blake Puls

Software Engineer

CONTACTS

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blakepuls.dev

EDUCATION

High School Diploma

Michigan Online School

2021

PROGRAMMING

Fluent:

Javascript, TypeScript, C#

Intermediate:

Python, C++

CLOUD

Azure, AWS, GCP, Firebase

Homelab

Dell Poweredge T320:
UNRAID 20TB NAS,
docker-composed Plex media
stack and cloud storage

Dell Poweredge T620:
Proxmox, AMP, Tailscale, other
automation scripts

WORK EXPERIENCE

Jr Systems Administrator | Perdue Farms | *2022-2023*

- Developed a tool in C# to efficiently migrate large volumes of data to more accessible formats.
- Automated routine tasks in Excel using VB.
- Handled installation and maintenance of network devices and software.
- Provided technical support for hardware and software issues for colleagues.

Software Engineer | SportsIQ | *2024-Now*

Part of a software team that produces a sports team management SaaS application. Responsibilities included:

- Worked as part of the team that maintains the ASPNET Core Web API
- Participated in component and system design as coached by the Lead Developer
- Assisted with CI/CD setup using Azure DevOps, enabling streamlined development and deployment workflows
- Led the effort to rewrite the front end in Next.js/Tailwind from ASPNET Core Razor Pages

FREELANCE EXPERIENCE

Axishop | 2023

Axishop is a SaaS platform that connects game servers with a Discord bot economy for managing in-game transactions.

- Implemented a monorepo structure to streamline development and maintenance across multiple packages including the bot, API, frontend, and documentation.
- Utilized CircleCI to automate the build and deployment processes
- Integrated Postgres with Prisma ORM for efficient database schema management and operations.
- Deployed Redis for caching, improving response times by 80% for frequently accessed data in memory.

LotusVPN | 2020

- Created an installer to streamline the application install.
- Added capability for administrators to adjust settings remotely in real time.
- Developed a tailored user interface in WPF to meet specific

client design needs.

- Enabled silent command-line interaction with SoftEther VPN software.

HackTheBox

Rank: Pro Hacker (2024)

- Solved numerous CTF security challenges involving web exploitation, cryptography, binary analysis, and privilege escalation targeting Linux and Windows machines