

Alexander Zaykowski

Clarks Summit, PA | 570-706-5365 | alexander.zaykowski@gmail.com | <https://alex-zaykowski.bio>

SKILLS

Programming Languages: C#, TypeScript, JavaScript, Python, Java, SQL, Bash

Frameworks: React, .NET, Node.js, Next.js, Spring Boot

Cloud & Infrastructure: Azure, GCP, Kubernetes, Docker, Terraform, PostgreSQL, Redis, Istio

DevOps & Tools: GitLab CI/CD, Argo CD, Octopus Deploy, Playwright, Jira, Agile

EXPERIENCE

Dunnhumby

Rochester, NY | Remote

Software Engineer II

Jan 2022 – Present

- Platform engineer operating 10+ production microservices for over 70 global retailers including Walmart, Target, Whole Foods, and Tesco
- Architected and drove adoption of the company-wide Next.js framework; currently a primary owner of five critical C# .NET platform services
- Built a native user analytics solution for the web platform that enabled broad adoption and reduced dependency on external solutions, saving the organization \$100,000+ annually
- Manage end-to-end service lifecycles, from system design and Kubernetes orchestration to production deployment, monitoring, and on-call support
- Executed multi-tenant migration for several core services and authored a migration guide adopted by external engineering teams, contributing to \$400,000+ in annual cloud cost savings
- Designed and implemented global commenting, messaging, and notification system with C# microservices, REST APIs, webhooks, websockets, and Kubernetes CRDs

Benco Dental

Pittston, PA | Remote

Application Developer Intern

May 2021 – Nov 2021

- Modernized legacy VBA macros and Excel workflows by migrating to C# and SQL applications
- Built several .NET CRUD applications to automate quote generation and customer onboarding
- Introduced Python ETL scripts for CSV analysis and automation, replacing manual spreadsheet processes to streamline data workflows and shorten onboarding for new developers

Dream Catchers Foundation

Scottsdale, AZ | Remote

Backend Web Developer Intern

Jun 2020 – Aug 2020

- Owned and developed a custom matching algorithm connecting volunteers with hospice patients
- Built an administrative portal using PHP, JavaScript, and PostgreSQL for managing volunteer-patient assignments
- Delivered strategic recommendations for future development to the board of directors

Johnson & Johnson

Raritan, NJ | In Office

Cyber Security Analyst Co-op

Sept 2018 – Mar 2019

- Assessed cybersecurity vulnerabilities in internet-connected medical devices, strengthening security protocols
- Updated cybersecurity standards for Bluetooth-enabled medical devices in compliance with NIST standards to ensure product security and proper risk mitigation

PROJECTS

Content Droid

<https://alex-zaykowski.bio/projects/content-droid>

- AI-powered web app deployed via GCP that generates short-form videos from text prompts, leveraging micro-service architecture with a Java/Python backend, ShadCN Next.js frontend, and RabbitMQ for asynchronous video processing.

EDUCATION

Hobart and William Smith Colleges

Bachelor of Arts in Computer Science

May 2022

3.8/4.0 GPA, Magna Cum Laude