Kyle White

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Professional Summary

Software Developer with hands-on experience in full-stack development, REST API design, and scalable AWS deployments. Skilled in DevOps practices, CI/CD pipelines, and delivering production-ready, maintainable code in collaborative Agile teams.

Experience

Kroger Technology   Blue Ash, OH
Locations/Geospatial Software Developer Intern   May-August 2025
- Increased unit test coverage from 60% to over 90% across 6 repositories, improving release confidence.
- Implemented CI/CD pipelines with coverage gates in GitHub Actions to enforce 90% coverage and prevent regressions.
- Validated REST APIs using Postman; updated Helm charts, deployed to AWS via Kubernetes, and performed code reviews.
- Participated in Scrum ceremonies and Agile development practices (daily stand-ups, sprint planning, retrospectives).

Cincinnati Insurance Companies   Fairfield, OH
IT Infrastructure Developer Intern   May–August 2024, January-May 2025, September-December 2025
- Built automation scripts in Python, PowerShell, and C# to migrate off BMC TrueSight after a 700% price increase.
- Engineered ETL pipelines to ingest and standardize events/metrics from Nagios, Dynatrace, and Splunk into a unified schema, integrating with REST APIs to populate the replacement platform.
- Debugged and optimized SQL queries using SQL Server Management Studio to improve monitoring data accuracy.
- Performed software maintenance and debugging on the in-house monitoring/alerting platform to improve user experience.

Ohio State University   Columbus, OH
Teaching Assistant, Discrete Structures   August-December 2024, August-December 2025
- Led weekly office hours for 30+ students, clarifying algorithm analysis, recursion, and proof techniques.

Siemens Digital Industries Software   Milford, OH
Software Developer Intern   June-August 2022, June-August 2023
- Built app for tracking intern progress and reviews, used by 70+ interns each rotation.
- Optimized performance, implemented features, and fixed bugs for Siemens intern social media app (100+ users).

Education

The Ohio State University, B.S. Computer Science and Engineering   Aug 2022 – May 2026
GPA: 3.8 — Dean's List All Semesters

Projects

AI Game Recommender — React, Node.js/Express, JavaScript, MongoDB, AWS   *Live Site:* game.kyle-white.com
- Developed and deployed a full-stack app that retrieves data from users' Steam libraries via the Steam API and generates personalized game recommendations with OpenAI; hosted on AWS EC2 with an Nginx reverse proxy for reliable delivery.

Pickleball Analysis Web App — React, Vite TypeScript, AWS   *Live Site:* pickle.kyle-white.com
- Displays league analytics (streaks, point differential, standings); Cognito auth; API Gateway + Lambda + DynamoDB.

OSU Degree Audit Parser — React, Vite, Node.js, JavaScript, AWS   *Live Site:* degreeauditparse.kyle-white.com
- Built during OSU Hackathon to parse degree audits; OSU course search API for course data; interactive progress UI.

Portfolio Website — React, Vite, TypeScript, Tailwind, AWS   *Live Site:* kyle-white.com
- Deployed to S3/CloudFront; automated CI/CD (build, upload, CloudFront invalidation) using GitHub Actions.

Legend of Zelda Recreation — C#, MonoGame
- Collaborated on a 6-person Agile development team to recreate the first dungeon; added a custom game mode and boss.

Technical Skills

Languages: Java, JavaScript, TypeScript, Python, C#, C/C++, Go
Frameworks: React, Node.js/Express, Tailwind, Vite, MonoGame
DevOps: Git, GitHub, GitHub Actions, Docker, Linux/Bash, Kubernetes
Cloud: AWS (Amplify, Cognito, Lambda, API Gateway, S3, CloudFront, Route 53, EC2/Nginx)
Databases: PostgreSQL, MongoDB, DynamoDB, SQL Server Management Studio
Software Testing: JUnit, Go test/testify, CI/CD coverage gates