Feras Akileh

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(614) 969-7998
Columbus, OH

Software Developer specializing in secure, accessible web solutions, leveraging cybersecurity and ADA compliance expertise as well as enhancing performance with SEO strategies and automation tools, backed by experience in full-stack development.

WORK EXPERIENCE

Ohio Department of Insurance

Full Stack Software Engineer Intern

Columbus, OH | 01/2025 - current

- Enhanced application security by performing 50+ Checkmarx SAST (Static Application Security Testing) scans, identifying and mitigating over 400 vulnerabilities.
- Conducted over 30 ADA compliance audits with SortSite, enhancing web accessibility for thousands of users by meeting WCAG standards.
- Executed user acceptance testing and integration for .NET-based systems, enhancing the overall project efficiency by 20% through meticulous process improvements.
- Collaborated with cross-functional teams to troubleshoot and resolve bugs, delivering secure, high-performance solutions with a 95% on-time deployment rate.

OHI/O - Ohio State's Hackathon Program

Web Development Assistant

Columbus, OH | 09/2024 - current

- Created and maintained the official hackathon website, implementing SEO best practices that boosted site traffic by 30% and enhanced user engagement with interactive features.
- Upgraded participant registration workflows for all events by automating processes with Python (discord.py library), reducing manual entry time by 50%.
- Directed management of event databases and coordinated with over 10 industry sponsors, resulting in a 15% increase in event funding and enhanced attendee experiences.

PROJECTS

Service Desk and Insider Applications

Developer

January 2025 - current

- Developed ASP.NET Core applications serving 200+ internal users for ticketing and IT support.
- Designed RESTful APIs and data models for scalable workflows.
- Mediated resolution time through UI enhancements and Azure automation.

Classroom Assignment Portal

Project Lead

September 2024 - December 2024

- Built full-stack web app in Ruby on Rails with secure role-based access control.
- Implemented SEO-friendly page structures and ADA-compliant design.

Scientific Calculator Application

Developer

September 2024 - October 2024

- Programmed an advanced calculator with Ruby + Glimmer DSL, supporting trig/log/exp functions.
- Handled real-time expression parsing and exception management for robust UX.
- Delivered a clean, responsive GUI with advanced math functionality.

EDUCATION

Bachelor of Science

Computer Science & Engineering (CSE), Software Engineering Specialization

The Ohio State University

January 2022 - December 2025

Columbus, OH

GPA: 3.2

SKILLS

- Programming: HTML/CSS, JavaScript (JS), Java, C, C#, Python, Ruby, SQL
- Frameworks/Libraries: React, Node.js, ASP.NET Core, Ruby on Rails, Entity Framework Core
- Cybersecurity & Compliance: Checkmarx (static application security testing – SAST), SortSite (ADA – Americans with Disabilities Act – compliance, SEO – search engine optimization), Web Accessibility Standards (WCAG)
- Tools & Platforms: Git, Azure, Azure DevOps, MySQL, MATLAB, Visual Studio Enterprise, Microsoft Power Platform

INVOLVEMENT

- Organized inclusive events in collaboration with underrepresented student groups.
- Increased attendance at leadership enrichment programs through targeted outreach.
- Raised $2,500+ for pediatric cancer programs at Nationwide Children's Hospital.
- Launched a successful merchandise campaign through online marketing.