FERAS AKILEH
SOFTWARE ENGINEER | WEB DEVELOPER

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EDUCATION

The Ohio State University
Bachelor of Science in Computer Science & Engineering, Software Engineering Specialization
Expected Graduation: December 2025 | GPA: 3.2

SKILLS

Programming Languages: HTML/CSS, JavaScript, Java, C, C#, Python, Ruby, SQL
Frameworks & Libraries: React, Node.js, ASP.NET Core, Ruby on Rails, Entity Framework Core
Tools & Technologies: Git, Azure, Azure DevOps, MySQL, MATLAB, Visual Studio Enterprise

PROJECT EXPERIENCE

Service Desk and Insider Applications | Jan 2025 – Present | Ohio Department of Insurance
- Developed ASP.NET Core applications serving 200+ internal users for ticketing and IT support
- Architected RESTful APIs and data models to support scalable ticket workflows and communication
- Integrated Entity Framework Core for robust database interactions
- Cut ticket resolution time through streamlined UI enhancements and Azure DevOps workflows

Classroom Assignment Portal | Sep 2024 – Dec 2024 | Ohio State University
- Built full-stack web app in Ruby on Rails simulating Canvas-style assignment workflows
- Implemented secure user auth and role-based access for students/instructors
- Designed ActiveRecord schema for courses, assignments, and submissions
- Developed dynamic role-based views and grading tools with session/form validation

Scientific Calculator Application | Sep 2024 | Ohio State University
- Created 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

PROFESSIONAL EXPERIENCE

Ohio Department of Insurance — Jan 2025 – Present
Software Development Intern – IT & Security Division
- Participated in Agile sprints, daily standups, and iterative feature delivery for enterprise applications
- Supported user acceptance testing (UAT) and integration for .NET-based systems
- Contributed to deployment pipelines using Git and Azure DevOps
- Used Microsoft Power Platform and .NET to build internal tools and automate workflows
- Collaborated with cross-functional teams to troubleshoot bugs and deliver technical solutions

OHI/O Hackathon Program – September 2024 to Present
Assistant Coordinator
- Contributed to web development for the official OHI/O event website
- Automated hackathon registration using the discord.py Python library
- Managed administrative tasks including event reports, databases, and media releases
- Liaised with industry sponsors to organize large-scale tech events like HackOHI/O

LEADERSHIP

Alpha Phi Omega – Service Fraternity – September 2022 to May 2025
Membership Chair
- Organized inclusive events in collaboration with underrepresented student groups
- Increased attendance at diversity-focused programming
- Led weekly campus-wide initiatives promoting accessibility and inclusivity

Team Feras – Pediatric Cancer Awareness Charity – September 2019 to November 2022
Founder
- Raised over $2,500 in support of pediatric cancer programs at Nationwide Children's Hospital
- Built a social media strategy to amplify fundraising and awareness
- Launched a successful merchandise campaign through online marketing