

Moin Syed

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EDUCATION

Wayne State University, Detroit, MI
Bachelor's in Computer Science

2019 – 2024

SKILLS

- **Core Tech:** Python, C#, HTML5/CSS, JavaScript, TypeScript, React, Docker, Kubernetes, Azure
- **Frameworks:** Angular, ASP.NET, Next.js, Node.js, ROS
- **Specialized:** YOLOv7, OpenAI, OKTA/Duo

PROFESSIONAL EXPERIENCE

Software Engineering Intern

May 2023 – December 2024

Wayne State University, Detroit, MI

- Developed and deployed a full-stack parking detection web application using Angular, ASP.NET (RESTful APIs and C#), Python, and SQL, delivered 2 weeks ahead of schedule.
- Improved system uptime by 50% by scripting 100+ OS-level fixes using PowerShell for Linux, Mac, and Windows environments.
- Integrated GitHub Actions to automate CI/CD pipelines, reducing deployment time and manual intervention.
- Modernized legacy applications by containerizing services with Docker and orchestrating scalable deployments via Kubernetes.

IT/Infosec Automation Intern

May 2022 – August 2022

Five Investments LLC, Denver, CO (Remote)

- Automated employee provisioning workflows using OKTA and PowerShell, reducing onboarding time by 90%.
- Deployed and managed security policies across devices using Kandji DEP and Duo Security, increasing compliance rate by 30%.
- Created internal dashboards and streamlined IT workflows with Jira and Excel scripting.

PROJECTS

F1 Telemetry Dashboard

Mar 2025 – Apr 2025

Python, Dash, Plotly, OpenF1 API

- Built a real-time racing dashboard using Python to display telemetry data via async API calls, using Plotly and pandas for dynamic charts.
- Designed interactive UI with live driver comparisons and session-based visualizations.

Web Portfolio with AI Chatbot

Nov 2024 – Dec 2024

Next.js, JavaScript, Azure, OpenAI

- Built a responsive Next.js portfolio site with server-side rendering.
- Integrated Azure OpenAI to create an interactive chatbot for live resume Q&A.

AI Parking Detection WebApp

May 2024 – Aug 2024

Angular, Python, YOLOv7, ASP.NET, SQL

- Built the backend system (using RESTful API) to connect AI parking detection tools with the app, enabling real-time updates for users.
- Designed 5+ user-friendly web pages (with AngularJS) that work smoothly on phones, tablets, and computers, improving navigation for 500+ users.
- Secured user data by creating SQL databases and adding login protections (client/server checks) to block unauthorized access.

3D LiDAR Detection System

Aug 2023 – Nov 2023

ROS, Python, Ubuntu

- Built a Python pipeline for real-time LiDAR data processing and robot navigation in ROS.
- Authored system documentation and created testing modules to standardize team workflows.