Moin Syed

734-318-3308 | moinn5810@gmail.com | LinkedIn | GitHub | Portfolio

EDUCATION

Wayne State University, Detroit, MI   *2019 – 2024*
Bachelor's in Computer Science

SKILLS

- **Core Tech**: Python, C#, HTML5/CSS, JavaScript, TypeScript, React, SQL, Docker, Kubernetes, Azure.
- **Frameworks**: Angular, ASP.NET, Next.js, Node.js, ROS
- **Specialized**: YOLOv7, OpenAI, OKTA/Duo, Git, Jira, Confluence, Office 365

PROFESSIONAL EXPERIENCE

Software Engineering Intern   *May 2023 – December 2024*
Wayne State University, Detroit, MI
- Developed and Led a full-stack parking detection web application project 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, Confluence 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 and JSON to create an interactive chatbot for live resume Q&A.

AI Parking Detection WebApp   *May 2024 – Aug 2024*
AngularJS (TypeScript/JavaScript), 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.
- Created and ran Jest tests for AngularJS components and REST APIs, hitting 98% code coverage and slashing post-deployment bugs by 90%.