

Moin Syed

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EDUCATION

Wayne State University

Bachelor's in Computer Science

Detroit, MI

August 2019 – December 2024

PROFESSIONAL EXPERIENCE

Software Engineering Intern and IT System Specialist

May 2023 – August 2024

Wayne State University

Detroit, MI

- Led a cross-functional team of four to deliver a full-stack project (C#, ASP.NET, AngularJS, Python, YOLOv7) two weeks early, overseeing the entire SDLC and ensuring on-time, high-quality results.
- Resolved 100+ hardware/software/networking issues in Linux/Unix environments, achieving 98% uptime and 99% customer satisfaction.
- Managed 300+ technology rollouts and maintenance tasks via Microsoft Configuration Manager and PowerShell, cutting deployment times by 50%.
- Maintained 100% inventory accuracy with Greenware, reducing operational errors by 50%.

IT/Infosec Automation Intern

May 2022 – August 2022

Five Investments LLC

Denver, CO

- Automated user onboarding/offboarding with OKTA Workflows, eliminating errors and boosting efficiency.
- Streamlined device setup via Kandji DEP, cutting configuration time by 50%.
- Implemented Duo Security and Device Health, increasing device compliance by 30%.
- Deployed security patches across 50+ devices with Automox, ensuring system security.
- Managed over 50 IT Infosec tickets in Atlassian Jira, ensuring timely resolution and maintaining a 95% customer satisfaction rate.

PROJECTS

AI Parking Detection WebApp | *AngularJS, Python, ASP.NET, C# , YOLOv7, SQL*

- Documented REST APIs with Swagger UI, improving integration clarity and accessibility.
- Implemented secure user features with JWT authentication, reducing unauthorized access by 80%.
- Achieved 98% code coverage using Jasmine, cutting production bugs by 20%.
- Applied the MVC pattern to improve scalability and maintainability.
- Led Agile ceremonies (sprint planning, retrospectives, daily stand-ups) to align team goals with business objectives.

Web Portfolio with AI Chatbot | *JavaScript, HTML/CSS, NextJS, Azure, OpenAI*

- Built a responsive portfolio site with Next.js, boosting project visibility and user engagement by 50%.
- Integrated an Azure/OpenAI-powered chatbot for real-time responses to resume inquiries, reducing reply times by 90%.

Customized Vehicle Infotainment System | *ReactJS, HTML/CSS*

- Integrated Jest for unit testing, achieving 99% code coverage and reducing production bugs by 20%.
- Implemented MVC architecture to enhance scalability and maintainability.
- Applied OOP principles to improve code clarity, maintainability, and scalability.

3D Lidar Detection for Wayne Robotics | *Python, ROS, Ubuntu*

- Developed the foundational codebase for the 3D Lidar Detection system, enabling accurate environmental mapping for Wayne State Robotics.
- Collaborated with multidisciplinary teams to ensure seamless integration and functionality across the project.

SKILLS

Programming Languages: Python, Java, C/C++, C# , AngularJS, NoSQL, React.js, Node.js, TypeScript, JavaScript, HTML/CSS

Frameworks: AngularJS, React.js, Node.js, Next.js

Tools and Technologies: Ubuntu, Terraform, DevOps, CI/CD, Docker, Git, JIRA, MATLAB, Eclipse, Visual Studio

Other Skills: Agile Methodologies, REST APIs, Information Security, Computer Networking, Office 365