Mehul Thakkar

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EDUCATION

Ohio State University — Columbus, OH
B.S. Computer Science and Engineering, GPA: 3.7/4.0 — May 2025

TECHNICAL SKILLS

Java, C#, HTML/CSS, C, Assembly Language for X64 Processor, MATLAB
Express, Git, Unit Testing, Integration Testing, Unix/Linux, Object Oriented Development, JIRA, Cloud Technology

EXPERIENCE

Hyland Software — Westlake, OH (Remote)
Software Development Intern — May 2023 – August 2023
- **Key Project:** Developed a full-stack solution for scheduling the expiration of signing keys, preventing the loss of access for customers for up to 120 minutes during security events. Built the feature for the Nucleus Cloud Platform using C# and HTML
- Added a diagnostics page for LaunchDarkly feature flags for the identity provider and authentication application
- Focused on writing clean code with an emphasis on unit and integration testing with NUnit and Moq

Ohio State University — Columbus, OH
Undergraduate Teaching Assistant — August 2022 – May 2023
- Evaluated student code and solutions based on functionality and programming principles
- Held office hours and oversaw weekly lab sections to assist students with labs and homework

Cleveland Cliffs — Cleveland, Ohio
Process Automation Intern — May 2022 – August 2022
- **Key Project:** Designed a user interface on HMI screens with FactoryTalk View Studio to communicate with ceiling fan PLC controls and diagnostics
- Led controls upgrade of the hot dip galvanizing line's ceiling fans by programming multiple fan drives using a ControlLogix PLC
- Digitized multiple line controls on HMI screens, bridging a ControlLogix PLC to communicate with Reliance AutoMax PLC to simplify physical dashboard controls
- Assisted in daily maintenance and continuous improvement of the main line by backing up drives, rewriting logic, and changing parameters to continue operations when parts broke or were not calibrated properly

Hyland Hackathon — Westlake, OH
Top Four Placement — January 2023
- **Key Project:** Developed a gift registry website, using Express, MongoDB, and NodeJS, that allowed members to create a gift registry and share it with friends
- Added functionality for members to link external websites and allowed buyers to mark items bought while concealing this knowledge from the member
- Placed Top Four amongst hundreds of teams

COMMUNITY INVOLVEMENT

Mount Leadership Society — August 2021 – Present
- **Key Project:** Designed and planned two environmental service projects for the Columbus community
- Member of Service, Summit, and Summer committee for planning service events for Ohio State
- Participates in monthly volunteering efforts for the mid-Ohio region, including 75 hours of service for the NNEMap food pantry