# MUZAHID OLY

Detroit, MI | 586-765-4350 | omuzahid@gmail.com | linkedin.com/in/muzahid-oly | U.S Citizen

## WORK EXPERIENCE

**AMAZON.COM, INC.**                                                                                 Detroit, MI
Software Engineer                                                                                May 2024 - Present
- Using Java, React TypeScript, AWS Lambda, API Gateway, and DynamoDB, helped build and maintain an internal website that tracks and reports Amazon's ESG metrics, which are used in Amazon's annual Sustainability Report, growing from **0 to 300+ active internal users** within the first year
- Architected and developed a metric and report creation tool using AWS Lambda, API Gateway, and S3, which reduces manual data preparation and saves internal teams **~2000 customer hours** per month.
- Implemented Cypress frontend and Mockito backend integration tests for **100% of newly created webpages and APIs**, and maintained CI/CD pipelines using AWS CDK
- Collaborated directly with product and customers to gather feedback and deliver feature enhancements, gaining **~10% increased usage** month-over-month
- Influenced architectural decisions by authoring and reviewing over **100 design documents** (HLDs, LLDs, ORRs), improving system scalability, security, and long-term maintainability.

**AMAZON.COM, INC.**                                                                                 Detroit, MI
Software Engineer Intern                                                                          May - Aug 2023
- Migrated Amazon's high-revenue Build International Listings website **(used by 100K+ sellers)** from AngularJS to ReactJS, improving maintainability and scalability.
- Utilized React JavaScript and Jest to develop, test, and implement a modern and intuitive front-end design for Build International Listings, resulting in a more user-friendly interface.
- Rewrote backend APIs using Spring Java, **improving response times by 10%** and ensuring seamless integration with the new front-end architecture.
- Collaborated with a cross-functional team of developers, designers, and stakeholders to gather requirements, analyze user feedback, and iterate on design solutions, resulting in a 20% **improvement in user satisfaction**.

**CODE313**                                                                                         Detroit, MI
S.T.E.M. Engineer Intern                                                                          May - Aug 2022
- Developed and delivered programming courses to more than 5 youth education centers across Metro Detroit, effectively imparting valuable coding skills to aspiring learners
- Contributed to the development of comprehensive computer science curricula encompassing game programming, logic, robotics, and critical thinking, ensuring an educational experience for students

## EDUCATION

**WAYNE STATE UNIVERSITY**                                                                           Detroit, MI
Bachelor of Engineering                                                                              May 2024
Major in Computer Science
Cumulative GPA: **3.9**/4.0; Dean's List 2020-2024
Relevant Coursework: Software Engineering, Computer Architecture, Operating Systems, Data Structures & Algorithms

## SKILLS

**Programming Languages and Frameworks**: Java, TypeScript, JavaScript, Python, C++, SQL, React**,** Spring Boot, JUnit, Jest, Cypress, Mockito
**Tools and DevOps:** AWS Lambda, S3, DynamoDB, API Gateway, Aurora, IAM, CloudWatch, SQS, CloudFormation, VPC, SDK, CDK
**Other Tools:** Git, Generative AI (Cline, Roo, Amazon Q), Visual Studio Code, IntelliJ
**Soft Skills**: Leadership, Teamwork, Communication, Cross-functional, Problem Solving, Adaptable