

Muzahid Oly

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EXPERIENCE

Amazon. Inc

May – Aug 2023

Software Engineer Intern

Detroit, Michigan

- Full Stack Software Engineering Intern specializing in frontend operations, proficient in TypeScript, React, Jest, and Node.js. Utilized Amazon's AWS (S3) for cloud services and Java for backend development.
- Successfully led the migration of the high-revenue-generating [Build International Listings](#) website at Amazon which is used by over 100k sellers to automatically price international offers.
- Collaborated extensively with a diverse cross-functional team of developers, designers, and stakeholders to gather requirements, analyze user feedback, and iteratively refine design solutions, leading to a significant 30% enhancement in user satisfaction levels.
- Leveraged React and Jest to design, test, and deploy a modern and intuitive front-end interface for the website, enhancing user-friendliness and overall user experience.

Code313

June – Aug 2022

S.T.E.A.M Engineer Intern

Detroit, Michigan

- Developed and delivered programming courses to more than five 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

Sept 2020 – May 2024

B.S. Computer Science – GPA: 3.8

Detroit, Michigan

- Recipient of Gold Scholarship
- College of Engineering Dean's List

Relevant Courses

- Software Engineering, Computer Architecture, Operating System, Data Structures and Algorithms

PROJECTS

Secured Amazon S3-Based File System

- Designed and implemented a stackable file system on Linux using Amazon S3 as the backend storage, achieving a seamless integration of AWS's S3 buckets as local directories, reflecting updates in real time.
- Developed a stand-alone RC4 encryption module with compatibility with OpenSSL RC4 ensuring automatic encryption of all files in the file system with transparent operation capabilities.

Housing Helper

- Created a responsive web application utilizing Django, Python, Tailwind CSS, and HTML, enabling personalized home searches based on customers' financial status and preferences.
- Listed over 100 homes, providing quick search functionality, and ensuring a user-friendly interface.

Facebook Clone

- Created social media application using JavaScript, React.js, Node.js, Express.js, MongoDB, CSS, and HTML.
- Developed web app with 200+ posts, featuring web database reading (0.22s), seamless post updates, integrated liking/disliking functionality, and streamlined post deletion capabilities.

TECHNICAL SKILLS

- **Programming Languages:** Java, C++, C, Python, JavaScript, TypeScript, HTML, CSS
- **Frameworks and Databases:** React, React Native, Jest, NodeJS, MySQL, MongoDB, Django, Tailwind
- **Tools and Operating Systems:** Git, AWS, IntelliJ, Visual Studio Code, Windows, Linux, MacOS