

## RICHARD MALIYETU

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### EDUCATION

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University of Maryland, Baltimore County (UMBC) | B.S. in Computer Science  
Dean's List: Fall 2024  
GPA: 3.8/4.0

May 2025

### TECHNICAL SKILLS

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Programming Languages: C++, Python, JavaScript, TypeScript, SQL  
Frameworks & Tools: React.js, Next.js, Node.js, Prisma, Tailwind CSS, Clerk  
Technologies: HTML5, CSS3, MongoDB, NeonDB

### RELEVANT PROJECTS

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- **Path Finder** – Built a real-time pathfinding visualization tool in React, enabling dynamic grid creation and obstacle placement. Implemented live animations and real-time feedback using TypeScript, Next.js, and Tailwind CSS for an interactive UI.
- **Editor** – Developed a scalable SaaS platform for video and image editing using Next.js, Prisma, NeonDB, and Cloudinary. Integrated secure authentication (Clerk) and optimized database performance for seamless, multi-device accessibility.
- **Note App** – Created a React-based note management system with real-time syncing via Appwrite subscriptions. Implemented smooth CRUD operations with React hooks and Tailwind CSS for an optimized user experience.
- **Currency Converter** – Built a React-based currency converter with real-time exchange rate integration via a RESTful API. Added currency swapping, dynamic dropdowns, and live updates, ensuring a user-friendly experience with Tailwind CSS styling.
- **Password Generator** – Developed a secure password generator in React with customizable criteria (length, characters, etc.). Implemented clipboard copy functionality for quick, secure transfers and designed a clean, intuitive UI with Tailwind CSS.
- **Movie Player** – Created a C++ movie player with a playlist system, utilizing templated linked lists for dynamic data handling. Implemented sorting, filtering, and playlist management, leveraging dynamic memory allocation and operator overloading for efficiency.

### WORK EXPERIENCE

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#### Kitchen Team Member

*Panda Express – Rosedale, MD*

2021 – 2024

- Ensured smooth kitchen operations in a fast-paced, high-demand environment.
- Assisted with food prep, sanitation, and inventory management while maintaining safety standards.
- Collaborated with team members to prioritize tasks and improve efficiency.

#### Customer Service Associate

*Barnes & Noble – CCBC Essex*

2017 – 2020

- Provided personalized customer service, assisting with book recommendations and purchases.
- Handled cash transactions and order processing with accuracy.
- Managed inventory and store organization, ensuring smooth daily operations.