

# Amlinkeng Nkeng

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## EDUCATION

### University of Maryland Baltimore County (UMBC)

Bachelor of Science in Computer Science

Baltimore, MD

Aug 2020 – Aug 2023

## TECHNICAL SKILLS

**Languages:** Python, Java, C/C++, JavaScript, TypeScript, Swift, HTML/CSS

**Frameworks:** Docker, Spring Boot, Angular, React, FastAPI, SwiftUI

**Software Tools:** Git, Visual Studio, Cursor, Eclipse, PostgreSQL

**Certifications:** Programming with JavaScript, Meta Advanced React, Programming with TypeScript, Programming in Swift

## EXPERIENCE

### Specialist

June 2024 – Present

*Apple Inc*

- Delivered technical support for Apple products, resolving hardware and software issues to meet user satisfaction and reduce repeat service requests.
- Troubleshoot and resolve complex hardware and software issues using Apple's diagnostic tools and repair processes, while maintaining up-to-date knowledge of Apple technologies.

### Software Team Co-op

August 2023 – May 2024

*Under Armour*

*Baltimore, Maryland*

- Improved platform scalability and reliability by integrating new technologies into internal systems, building CI/CD pipelines with GitHub Actions to reduce deployment time by 15%, and collaborating with Java development teams to resolve production infrastructure issues, increasing system stability and uptime.

### Software Engineer Intern

June 1, 2022 – August 19, 2022

*MDOT Technology Services*

*Maryland*

- Programmed complex Salesforce automation scripts and workflows to facilitate efficient data management and business processes, reducing manual input and improving system responsiveness.
- Led the migration of SharePoint web parts to SharePoint Online, utilizing Azure cloud infrastructure, and engineered CI/CD pipelines to streamline workflows, while collaborating with cross-functional teams to ensure the reliability and performance of cloud solutions, implementing best practices in cloud migration methodologies.

## PROJECTS

### Fanalyze | *Swift, React, TypeScript, FastAPI, PostgreSQL, Docker, Git*

(Sept 2025 - Present)

- Designing and developing a full-stack soccer prediction app that enables fans to submit match picks, track results, and view interactive leaderboards across iOS and web platforms.
- Building the backend with FastAPI and PostgreSQL to manage user authentication, match data, and scoring logic, while containerizing services with Docker for consistent deployment.
- Creating a SwiftUI mobile client for fans and a React TypeScript web dashboard for administrators to manage matches, update results, and analyze prediction trends.

### Personal Portfolio Website | *HTML, CSS, JavaScript, Responsive Design, Git, React, Netlify*

July 2025

- Designed and developed a fully responsive personal portfolio website to showcase professional experience, projects, and contact information.
- Currently integrating React components, including an animated typing effect for the homepage introduction and a dynamic project carousel to enhance interactivity and modern UI presentation.
- Implemented responsive navigation (desktop and mobile), dynamic section layouts, and media query-driven styling for optimal viewing across devices.
- Deployed the website using Netlify for production and GitHub Pages for version control, utilizing Git for continuous updates.

### Financial Forecasting Engine | *Python, Flask, Docker, Git*

- Developed a financial data forecasting system in Python with Pandas, designed to analyze and sort user-inputted market data, aiding investors in making informed decisions based on historical data correlations and trends.
- Containerized the application with Docker, ensuring high availability and scalability, critical for mission success in government operations.