Mickhael Astatke

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EDUCATION

University of Missouri - Kansas City

Bachelor of Science in Software Engineering ———— Expected Winter 2026

WORK EXPERIENCE

Full Stack Software Developer - Intern | MTW Solutions **June 2022 – August 2025**

● Built and maintained federal grant applications using C#, .NET, SQL, HTML, JavaScript, enabling 200+ schools to secure $10M+ in additional funding.

● Collaborated on backend data workflows using Entity Framework Core + SQL Server, optimizing queries for faster reporting.

● Conducted team knowledge sessions ("Lunch and Learn") on new technologies, improving engineering best practices.

● Resolved an average of **5+** production bugs monthly, empowering users to maintain workflow on critical tasks and significantly minimizing downtime to achieve a **15%** reduction in resolution time

PROJECTS

Ethiopian Calendar | 8,000+ Users | Swift, React JS, TypeScript

● Aided in the creation of an iOS app integrating the Ethiopian and American calendars, along with various Ethiopian holidays.

● Implemented complex date conversion algorithms to accurately synchronize Ethiopian and Gregorian calendar systems, ensuring precision in calculations.

Tsome Digua | 5,000+ Users | Swift, React JS, TypeScript, AWS

● Developed an iOS app using React Native and Swift, integrating Ethiopian Orthodox hymns with audio playback, lyrics in Ge'ez and Amharic, and English translations.

● Optimized the app for offline use, enabling users to access and listen to hymns anytime, regardless of internet connectivity.

LEADERSHIP EXPERIENCE

Language Teacher | **Abune Gorgoris Academy** January 2022 – February 2025

● Designed and taught comprehensive Amharic and Ge'ez language courses, educating **100+** students through structured lessons, immersive cultural experiences, and tutoring on class materials.

● Developed curriculum integrating language fundamentals, history, and Habesha cultural elements to enhance student engagement and retention.

Youth Mentor | Ethiopian Community of Kansas City *September 2023 – Current*

● Mentored youth ages 8-18, offering cultural education, spiritual guidance, and personal development support.

● Designed workshops on Ethiopian culture, history, and language to strengthen cultural identity among second-generation youth.

TECHNICAL SKILLS

Languages & Frameworks: C#, .NET, Entity Framework Core, SQL Server, Java, Python, JavaScript, TypeScript, Swift, React

Tools: Git, Jira, Azure DevOps, Unit Testing (xUnit, NUnit), Agile Development

GitHub: github.com/MickhaelAstatke/