

TANYA CHISEPO

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Summary

Driven software engineer with proven experience from internships at Meta in web, mobile and backend development. Enhanced Facebook app features to boost content saves by 40% and optimized testing processes for a 30% faster launch. Aiming to leverage skills in cross-platform development to drive meaningful innovations.

EDUCATION

Bethune-Cookman University | *B.S., Computer Science (GPA: 4.0)*

Dec 2025

SKILLS

- **Languages & Tools:** Python, Java, JavaScript, PHP, OCaml, SQL, GraphQL, Git, VS Code
- **Frameworks & Platforms:** React.js, Android, PostgreSQL, MongoDB, Arduino, .NET, VB.NET
- **AI/ML & Libraries:** TensorFlow, OpenCV, Mediapipe, CycleGAN, GANs, Computer Vision, Deep Learning
- **Concepts:** Full-Stack Web Dev, Cross-Platform Mobile Dev, UI/UX Design, UiPath RPA Development

EXPERIENCE

Meta | *Software Engineering Intern – Mobile, Cross-Platform (iOS/Android)*

May 2025 - Aug 2025

- Engineered E2E a Facebook mobile app feature enabling users to search and bulk-add saved content to collections, incorporating global search functionality, resulting in a 40% increase in content saves.
- Designed and deployed 15+ reusable UI components for the relatively new framework, accelerating development and ensuring consistent UI/UX across mobile platforms, saving 300+ hours for development.
- Increased test coverage by 15% through unit and end-to-end testing, supporting faster iteration.
- Recommended and implemented a streamlined feature QA testing process in parallel with development, decreasing the feature development-to-launch timeline by 30%, resulting in two weeks faster releases.

Meta | *Software Engineering Intern – Backend Infrastructure*

May 2024 - Aug 2024

- Led the migration of an automation feature to a new infrastructure platform, completing the project within 3 weeks and ensuring seamless functionality while maintaining key product metrics.
- Conceptualized and constructed a novel infrastructure system for multi-tier FAQs, which streamlined chatbot interactions and increased leads retention by 10%.
- Engineered a tree-based graph schema utilizing GraphQL endpoints to streamline the creation and retrieval of FAQ objects, estimating a 40% improvement in business page message response time.
- Delivered 30% boost in test coverage through writing comprehensive unit testing and refactoring code.

Meta | *Meta University Engineering Intern – Full-stack Web*

Jun 2023 - Aug 2023

- Initiated and delivered a fully functional web app prototype within 5 weeks—despite no prior JavaScript experience—by implementing advanced search features, responsive design, and maintaining consistent communication to exceed project goals.

Bethune-Cookman University | *Computer Science Teaching Assistant*

Feb 2024 - Present

- Offered personalized guidance to students struggling with programming assignments, clarifying confusing concepts and improving coding skills, providing hands-on coding support, resulting in 15+ students completing 5+ practice coding challenges weekly.

PROJECTS

Virtual Makeup Application

Feb 2025 - Present

- Designed an AI-driven virtual makeup application utilizing Mediapipe landmarking and image style transfer, enabling users to experiment with 20+ different makeup styles.
- Curated a dataset of 1,000+ images of diverse skin tones with professional makeup, addressing a gap in existing datasets, and improved makeup application accuracy by 30%.

TutorVerse

Aug 2023 - May 2024

- Developed a full-stack tutor finding web application utilizing React.js, Node.js, and SQLite, with 100+ connections between students and readily available on-campus tutors within the application's first semester launch period.

ADDITIONAL

- **IEEE SoutheastCon Hardware Competition:** April 2025

Developed autonomous movement logic for a robotics challenge and assembled the robot chassis from scratch; placed 3rd out of 60 schools.

- **Black Excellence SMART Hackathon (American Airlines):** November 2024

Built a digital assistant web prototype in under 24 hours, contributing to user flow design and frontend development in a team of 4 and placed 4th out of 47 schools.

- **Jane Street INSIGHT Program:** January 2024

Built a Python trading bot as part of a simulated trading competition; placed 3rd overall.

- **Generation Google Scholarship Winner (North America):** June 2024

Selected as 1 of 56 recipients out of thousands of applicants, for leadership potential and commitment to diversity and inclusion in tech.