

Jean Bikorimana

Nashville, Tennessee

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Software developer with a strong foundation in full-stack development, machine learning, and mobile app design. Experienced in building real-world applications using Kotlin, Flask, and TensorFlow, with hands-on IT support and mentoring experience. Eager to launch a tech career by contributing to impactful, user-focused software solutions.

TECHNICAL SKILLS

Languages:

Python, Kotlin, Java, SQL, JavaScript, HTML/CSS

Frameworks/Libraries:

Flask, TensorFlow, Android SDK, OpenCV

Databases:

PostgreSQL, MongoDB, MongoDB Realm

Tools/Technologies:

Git, ServiceNow, Google Maps API, AJAX, Agile

EDUCATION

Rhodes College

Aug 2020 - May 2024

Bachelor of Science, Computer Science | Memphis, TN

- **Coursework:** Intro to Python, Object Oriented Programming, Data Structures and Algorithms, Machine Learning, Advanced Algorithms, Software Engineering, Databases, Bioinformatics, Virtual Reality and Graphics, Calculus 2, Discrete Mathematics

EXPERIENCE

Baptist Memorial Hospital | Memphis, TN

Aug 2024 – December 2024

IT Help Desk

- Managed 50+ incident and service requests daily using ServiceNow, logging, tracking, and resolving IT service tickets, which improved first-call resolution rates by 25% and enhanced user satisfaction
- Supported EPIC software by providing end-user assistance and troubleshooting for electronic medical records (EMR) and other critical healthcare systems, ensuring minimal downtime for medical staff

Code Crew | Memphis, TN

May 2023 – May 2025

Technology Coach

- Mentored and instructed 20+ students in coding and technology, enhancing their digital skills and fostering an interest in web development through hands-on projects
- Taught coding and technology concepts to children in grades K-9 after school, creating engaging learning environments that improved student retention by 30%
- Assisted with software installation and troubleshooting for robotics systems, guiding students on effective use of various online tools and resources

UPS | Nashville, TN

Aug 2024 – Present

Day Part-Time Supervisor

- Supervise and coordinate daily operations for 20+ package handlers, ensuring efficient workflow and adherence to safety protocols and performance standards
- Monitor operational metrics and productivity data to identify process improvements, track team performance, and maintain quality service standards
- Conduct training sessions for new employees on operational procedures, safety protocols, and company policies while providing ongoing coaching and performance feedback

PROJECTS

CuisineSync | Mobile Application

- Designed and implemented a login system with email-password authentication using MongoDB Realm Database and Datastore, enabling persistent login states for seamless user experience
- Built a map-based exploration feature with Google Maps SDK, integrating real-time location tracking via the Fused Location Provider API and dynamic camera updates. Managed database migration seamlessly and navigated large codebases effectively
- Developed reusable MVVM components and used Kotlin Coroutines for asynchronous data fetching, resulting in 50% faster load times and smooth user interactions

ChampNet | Machine Learning Classification

- Developed neural network models (LeNet, AlexNet) to classify League of Legends champion archetypes, achieving 92% accuracy on test dataset
- Processed and resized 10,000+ image datasets using OpenCV; implemented data augmentation techniques to improve model robustness
- Trained models using TensorFlow with GPU acceleration, reducing training time by 60% through optimization techniques

DataCook | Full Stack SQL Web Application

- Developed a full-stack web app with Flask and PostgreSQL for recipe management, supporting 100+ concurrent users
- Features include user authentication, AJAX-based dynamic updates, cookbook creation, and responsive design optimized for mobile and desktop