

# Aaron A. Bandado

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## SUMMARY

Fullstack developer skilled in React, Next.js, Node.js, Firebase, and Supabase. Fast learner passionate about building useful products, improving user experiences, and growing within a collaborative engineering team.

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## EDUCATION

### Middle East Technical University (Northern Cyprus Campus)

*Bachelor of Science, Computer Engineering 2020 - Present*

**Relevant Coursework:** Data Structures & Algorithms, Software Engineering, C Programming, Database Systems, Programming Language Concepts, Computer Vision, Machine Learning

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## TECHNICAL SKILLS

**Languages:** JavaScript, Typescript, Python, C/C++, Java, SQL, HTML, CSS, Sass, PHP

**Frameworks & Libraries:** React.js, Next.js, Node.js, Flask, Bootstrap, Laravel

**Tools & Platforms:** GitHub Actions, Git, Firebase, Supabase, MySQL

**DevOps & Servers:** Linux, Nginx, Apache, CI/CD Pipelines, REST APIs

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## EXPERIENCE

### Fullstack Developer – Lantid Creative

Remote | Nov 2024 – Oct 2025

- Deployed and maintained 8–12 full-stack applications on Azure servers, configuring Nginx, Apache, and PM2 for stable production environments.
- Built CI/CD pipelines with GitHub Actions + SSH deploy, reducing deployment time and eliminating manual server updates across multiple applications.
- Added a customer previous-orders feature to a restaurant POS (React + Node.js), updating both frontend and backend APIs used by ~20 active users.
- Customized and extended multiple PHP/Laravel and React applications, implementing UI/UX updates and client-requested feature changes.
- Migrated applications and databases between VMs and cPanel, improving manageability and reducing server overhead.
- Performed ongoing server management (SSL, domain setup, OS updates, backups), ensuring uptime and stable routing across all deployed apps.
- Integrated third-party payment credentials and contributed to the design discussion for an escrow payment flow for a multivendor marketplace.

## **Software Engineering Intern – Cyppass**

Remote, Cyprus | July 2024 – September 2024

- Built new admin dashboard pages in Next.js with Firestore integration, enabling real-time management of virtual bus passes and credit data.
- Implemented CRUD operations, security rules, and optimized Firestore queries, improving reliability of data updates across admin tools.
- Designed reusable UI components (tables, forms, inputs) using Tailwind + shadcn, reducing duplication and speeding up page creation.
- Migrated parts of the platform from PostgreSQL to Firebase Firestore, including restructuring collections and authentication logic.
- Improved dashboard responsiveness and layout consistency by resolving styling and mobile-view issues.
- Collaborated weekly with a senior developer, delivering scoped features on time and contributing to the redesign of the main Cyppass admin panel.

## **Software Engineering Intern – Comtech Ltd**

Lefkosa, Cyprus | July 2023 – Sept 2023

- Built an OCR invoice/receipt scanner in C++ (libtesseract + Leptonica), improving text extraction accuracy by ~10–20% through custom preprocessing (binarization, noise removal, deskewing).
- Reduced extraction time from several minutes of manual reading to 10–20 seconds per document, accelerating financial data entry.
- Developed modular parsing logic to convert OCR output into structured data, including table extraction, VAT/Currency detection, and regex-based unit inference.
- Designed algorithms to map invoice tables reliably using dynamic header indexing and delimiter-based parsing.
- Worked iteratively under a senior engineer, improving module robustness and preparing components for integration into an open-banking system.
- Documented modules clearly (usage, architecture, preprocessing pipeline), ensuring handoff readiness for the engineering team.
- Strengthened low-level engineering skills by transitioning from Python/Tesseract to C++/libtesseract and implementing core image-processing functions.

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## **LANGUAGES**

English (Fluent) • Hausa (Native) • French (Beginner)

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## **REFERENCES**

Available upon request