

# **CURRICULUM VITAE**

**MARK OTWANE**

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**PORTFOLIO**

## **SUMMARY OF QUALIFICATIONS AND EXPERIENCE**

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Mark Otwane is a self-driven and forward-thinking Software Engineer, specializing in full-stack software development and backend engineering. Passionate about solving real-world problems through clean, scalable code and modern frameworks like NestJS, Angular, and PostgreSQL. With a strong foundation in system architecture and API development, I thrive in collaborative environments where technology meets impact. Outside the code editor, I actively engage in public speaking to share insights on tech trends, developer best practices, and the future of software in Africa.

## **PERSONAL DATA**

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**Gender:** Male

**Date of birth:** 03<sup>rd</sup> October, 2003

**Marital status:** Single

**Nationality:** Kenyan

**Religion:** Christian

**Languages:** English, Kiswahili, Teso

## **PROFESSIONAL EXPERIENCE**

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### **May – August 2025 – Industrial Attachment – Teach2Give, Nyeri, Kenya**

- Applied modern software development practices in real-world projects using **Git and GitHub** for version control and collaboration.
- Developed front-end interfaces with **HTML, CSS, JavaScript, Angular, and TypeScript**.
- Built and integrated back-end APIs using **NestJS, PostgreSQL, and Prisma ORM**.
- Designed interactive prototypes and user flows in **Figma**, improving project usability.
- Deployed and tested applications on **Render** and **Vercel** for live environments.
- Contributed to the development of key projects, including:
  - **Car Rental System** – online platform for managing vehicle reservations.
  - **Parcel Sending System** – system to facilitate sending and tracking of parcels.
  - **Young Men Activation Mentorship** – web application for boychild mentorship organization

- **E-Learning Platform** – platform to deliver courses, manage users, and track progress.
- **E-commerce Website (Shopie)** – online store with product listing and checkout functionality.
- Strengthened **teamwork and collaboration** by working on group projects in agile setups.
- Improved **communication and interview skills**, preparing for professional career entry.

**December 2022 – Present – Graphic Designer & Social Media Manager – Deliverance Church Ndagani, Chuka, Kenya**

- Specialized in creating **digital and print designs** using **Canva** for church events and programs.
- Designed **posters, flyers, social media content, and banners** to enhance communication and outreach.
- Collaborated with the church media team to ensure consistent **branding and visual identity**.
- Assisted in planning and executing **creative campaigns** for events, services, and community programs.
- Developed visually appealing **presentations** to support sermons and church initiatives.
- Strengthened **teamwork, communication, and creativity** through active participation in media activities.

**September 2025 – Present – Graphic Designer – Eve's Aura Atelier, Chuka, Kenya**

- Conducted **creative research** to guide branding and design projects.
- Designed **logos, flyers, posters, and promotional materials** tailored to client needs.
- Created visually appealing content for **marketing and advertising campaigns**.
- Collaborated with clients to refine concepts and deliver **high-quality designs**.
- Ensured consistency in **brand identity and visual communication** across platforms.
- Contributed to business growth by providing **innovative and customized design solutions**.

**August 2025 – Full Stack Developer – IM Investments, Chuka, Kenya**

- Designed and developed a complete **e-commerce web application** for the company.
- Built responsive front-end interfaces using **Angular, TypeScript, HTML, and CSS**.
- Implemented secure and scalable back-end APIs with **NestJS, PostgreSQL, and Prisma ORM**.
- Integrated **payment processing, product management, and user authentication** features.
- Deployed the application on **Render/Vercel** for live access and smooth user experience.
- Collaborated with stakeholders to align technical solutions with **business requirements**.

- Enhanced **user engagement** and streamlined **online transactions** through the platform.

## Key Personal Skills

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- **Public Speaking** – confident in delivering presentations and communicating ideas to diverse audiences.
- **Leadership** – experienced in guiding teams and coordinating activities in professional and community settings.
- **Teamwork & Collaboration** – skilled at working in agile teams, contributing ideas, and supporting collective goals.
- **Creativity & Innovation** – strong ability to design unique solutions and create engaging visuals.
- **Problem-Solving** – adept at analyzing challenges and providing effective, practical solutions.
- **Communication Skills** – clear and effective in both verbal and written communication.
- **Adaptability** – able to learn new tools, technologies, and environments quickly.
- **Time Management** – capable of organizing tasks and meeting deadlines under pressure.

## ACADEMIC QUALIFICATIONS

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### **Chuka University**

Bachelor of Science in Applied Computer Science

2022 – 2026

Awaiting Graduation

### **Kolanya Boys High School**

Kenya Certificate of Secondary Education (KCSE)

B+ PLUS

2018-2021

### **Machakusi Primary School**

Kenya Certificate of Primary Education (KCPE)

316 Marks

Completed in 2017

## Other Trainings

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- **Software Development Fundamentals** – Git & GitHub, HTML5, CSS3, JavaScript, Angular, TypeScript, Python and Django.
- **Backend Development** – NestJS, PostgreSQL, Prisma ORM.

- **UI/UX Design** – Prototyping and wireframing with Figma.
- **Application Hosting & Deployment** – Render and Vercel, github pages and netlify.
- **Testing & Quality Assurance** – Software testing methodologies and debugging practices.
- **Professional Skills Development** – Communication skills, interview preparation, teamwork, and collaboration.
- **Graphic Design** – Digital design and branding using Canva.
- **Public Speaking & Leadership** – Training and practice in presentation, coordination, and leading groups.

## Referees

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### **Daniel Kitheka**

+254795900647

Trainer Teach2Give

### **Rev. Edwin Kinyua**

Pastor, Deliverance Church Ndagani

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