ANDERSON MACUCHE
SOFTWARE DEVELOPER | ASPIRING CVM & BIG DATA ARCHITECT

andersonmacuche@gmail.com • +258855651603 • my-portfolio

PROFESSIONAL SUMMARY

Computer Science student and software engineer with hands-on experience in full-stack development, system design, and decentralized technologies. Proven ability to deliver real-world digital solutions, from reservation platforms to health-tech systems. Aspiring to leverage technical skills in **Big Data, CVM, and API integration** to solve complex business challenges.

EDUCATION

- **Instituto de Transportes e Comunicações**

  IT Support Technician CV4 & Web Applications Programming Technician CV5 | 2020-2022

- **University of St Thomas of Mozambique (Business School)**

  B.Sc. Honors in Computer Science | 2023–Present (Expected Graduation: December 2026)

SKILLS

TECHNICAL SKILLS
Frontend: React, Next.js, TypeScript, Tailwind CSS
Backend: Node.js, Python, SQL, Prisma
Data/Cloud: AWS, GCP
Tools: Git, Postman, Figma, i18next, Linux, OpenAI
Other: Agile, Prompt Engineering, User Research

SOFT SKILLS
- Communication skills: explaining technical concepts clearly to both technical and non-technical stakeholders
- Creativity and innovation: proposing new ideas for customer value growth
- Time management: balancing multiple tasks and meeting deadlines in fast-paced environments

LANGUAGES

- **Portuguese** – Native
- **English** – Fluent

PROFESSIONAL EXPERIENCE

Freelance Software Engineer | Self-Employed
2024–Present

- Develop custom web applications and digital solutions for diverse clients
- Collaborate directly with stakeholders to transform requirements into technical implementations
- **Selected Projects**:
  - **Golf View**: Built a full-stack booking platform featuring:
    - Developed a comprehensive reservation system that increased booking efficiency
    - Automated email notifications that reduced customer no-shows and integrated multi-language support
    - Implemented real-time calendar synchronization with external platforms(Airbnb) to eliminate double-booking issues
    - Built an admin analytics dashboard featuring:
      - Revenue tracking and forecasting
      - Peak demand period identification
      - Customer behavior insights
    - *Tech: Next.js, Node.js, Tailwind CSS, PostgreSQL, AWS S3(for document storage), i18next, Typescript*
  - **Infinity Health**: Developed a healthcare product system with:
    - Smart catalog system (with dynamic filters, optimized search functionality)
    - Quote request system with automated supplier notifications (reduced response time by 60%)
    - Newsletter subscription for product updates and promotions
    - *Tech: Next.js, Node.js, PostgreSQL, Tailwind CSS, Typescript*

Web Development & IT Intern | Dziva
Nov 2022–May 2023

- Maintained and updated client websites using modern web technologies
- Performed on-site hardware installations and software troubleshooting
- Trained end-users on POS system operations and basic maintenance