

# < JOAQUIM UBISSE >

Software Engineer | Digital Platforms Consultant  
Founder & CTO @ Binário  
Software Development & AI Solutions  
Mozambique | Working with international clients

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**Github:** [github.com/Jay-Ubisse](https://github.com/Jay-Ubisse)

**Portfolio:** [jayubisse.vercel.app](https://jayubisse.vercel.app)

Software Engineer with 5+ years of experience designing and delivering scalable digital platforms across multiple industries. I help organizations digitize operations, improve decision-making, and scale their services through custom, reliable software solutions.

I have delivered enterprise web applications, custom business platforms, and multi-country digital systems used by organizations across several regions, including large-scale eLearning and academic management solutions. In parallel, I lead developer training programs, having trained over 200 students, with 70% successfully transitioning into professional roles.

## PROFESSIONAL EXPERIENCE

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### Founder & Software Engineer

Binário

June 2023 - Present

- Lead the design and delivery of custom software solutions for institutions and organizations
- Built digital platforms supporting multi-language and multi-country deployments
- Helped clients transition from manual or fragmented processes to integrated digital systems
- Established technical architecture, development standards, and delivery processes

### Programming Trainer

Aga Khan Foundation (Bytes4Future)

April 2024 - Present

- Designed and delivered full-stack development training programs aligned with market demand
- Trained 200+ students across Mozambique and Portugal
- Achieved a 70% employment and startup creation rate among graduates
- Mentored students in software engineering, project development, and career preparation

## EDUCATION

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### Bachelor's Degree in Information Systems Engineering (In Progress)

Joaquim Chissano University

2021 - Present

- Focused on software engineering principles, system design, and modern development practices.

### BSc in Electronic & Telecommunications Engineering (coursework completed)

Higher School of Nautical Sciences

2016 - 2019

- Strong foundation in computer architecture, digital systems, and low-level programming.

## SKILLS

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### Frontend:

- ReactJs, NextJS, React Native

### Backend & Architecture:

- Node.js, Fastify, Express, System Design, REST APIs, Microservices

### Databases:

- PostgreSQL, MySQL, MongoDB, Redis, Prisma ORM, Drizzle ORM

## PROFESSIONAL EXPERIENCE (CONT.)

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### Fullstack Developer

Onemedia, SA

February 2024 - April 2024

- Contributed to the development of internal and client-facing digital systems
- Delivered backend services, frontend interfaces, and system integrations

### Fullstack Developer & UI/UX Designer

Freelance

July 2020 - June 2023

- Designed, developed, and maintained web and mobile applications for multiple clients, managing projects from concept to deployment
- Worked closely with designers and product stakeholders to translate business requirements into scalable and user-friendly solutions
- Implemented responsive and accessible interfaces, ensuring consistent performance across browsers and devices
- Reviewed code and established best practices to improve maintainability and overall product quality

## SKILLS (CONT.)

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### Design:

- Figma, Pencil

### Tools

- Git/Github, Docker, Slack, Linear

### DevOps & Cloud:

- AWS, CI/CD, VPS, Vercel, Render

### Professional:

- Problem Solving, Technical Leadership, Mentoring

## LANGUAGES

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- Portuguese (Native)
- English (B2 Level)

< **JOAQUIM**  
**UBISSE** >

Software Engineer

Fullstack & System Design

Founder @ Binário

Mozambique | Open to Remote