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# TEMBAN BLAISE AYIM

## Software Engineer

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### CONTACT

**Phone:** +237 670105992 | **Email:** [tembanblaise12@gmail.com](mailto:tembanblaise12@gmail.com)

**Address:** Yaoundé, Cameroon

**GitHub:** <https://github.com/temban> | **LinkedIn:** <https://www.linkedin.com/in/tembanblaise-ayim-a07732212>

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### PROFESSIONAL SUMMARY

Passionate Software Engineer with 3+ years of experience in software development, specializing in Python-based backend systems. Adept at designing scalable solutions and collaborating within cross-functional teams. Driven by continuous learning and sharing knowledge through real-world projects.

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### WORK EXPERIENCE

#### Software Engineer | 2024 - 2025

*Tameri Tech*

- Led backend development with **FastAPI**, delivering high-performance API solutions, improving system efficiency by 25%.
- Integrated AI models from **Ollama**, **Open Router**, and **Gemini**, enhancing AI-driven features by 30%.
- Implemented RAG (Retrieval-Augmented Generation)** to improve the accuracy and contextual relevance of AI responses by grounding them in external knowledge, reducing the likelihood of hallucinations, and ensuring more factually correct answers.
- Contributed to **React.js** frontend development, accelerating project delivery by 15%.
- Mentored junior developers and students, guiding them in real-world projects to help build practical development skills.

#### Software Engineer | 2022 - 2024

*Shintheo OU (Belgium-based, Remote)*

- Developed custom **Odoo modules**, both standalone and inherited, to integrate **REST APIs** and ensure seamless communication with frontend systems.
- Optimized **Vue.js** components, resolving issues such as **CORS**, **JWT**, **payment methods**, and **tracking**, boosting user engagement.
- Collaborated with senior engineers to improve system performance, reducing bug resolution time by 15%.

#### Freelance Developer | 2018 - 2019

*Self-employed*

- Built and delivered **web applications** using **React.js** and **Node.js**, gaining experience in full-stack development.
  - Enhanced app performance and user experience, leading to a 40% improvement in client satisfaction.
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# ACADEMIC HISTORY

**Bachelor of Science in Software Engineering**  
*The ICT University, Yaoundé, Cameroon*

## TECHNICAL SKILLS

**Frontend:** Vue.js, React.js.  
**Backend:** Odoo, FastAPI, Flask, Django, Node.js.  
**Databases:** PostgreSQL, MongoDB.  
**API & Auth:** REST APIs, JWT.  
**Version Control:** Git (GitHub, GitLab).  
**Languages:** Python, JavaScript, Java, C++.

## SOFT SKILLS

- Problem-solving
- Teamwork
- Communication

## PROJECTS

**Tameri Study AI**  
*GitHub:* [Study AI Backend](#) | *Swagger Docs:* [Study AI API Docs](#)  
**Role:** Backend Developer  
**Technologies Used:** FastAPI, PostgreSQL

- Developed the backend for **Study AI**, an AI-powered educational app.
- Built APIs using **FastAPI** to process **PDF**, **image** and **video** files, utilizing **fitz**, **FFmpeg** and **Tesseract OCR** for text extraction.
- Integrated AI models (**Google Generative AI**) to generate summary, simplified with terms and definitions from the generated text and finally, quizzes based on extracted data, **RAG (Retrieval-Augmented Generation)** used to improve the accuracy and contextual relevance of AI responses.
- Used **PostgreSQL** with **SQLAlchemy** and **Pydantic** for efficient database management.

**WillOnHair**  
*Available on:* [Google Play Store](#)  
**Role:** Backend Developer (Odoo)  
**Technologies Used:** Odoo ERP

- Developed backend modules for **WillOnHair**, a salon management platform for a Belgium-based salon.
- Integrated a **QR code system** for tracking loyalty points using the **qrcode Python library**.
- Ensured smooth backend-frontend communication with **APIs** and collaborated with **Flutter** frontend developers.
- Contributed to an **Agile** methodology to deliver continuous updates.

## LANGUAGES

- **English:** Fluent
- **French:** Fluent

## REFERENCES

**Mr. NGOUNE THEOPHANE**  
*CEO, Shintheo OU*  
**Tel:** +1 (438) 336-2410  
**Email:** [theophane@shintheo.com](mailto:theophane@shintheo.com)

**Eng. TENDA ALLPHA**  
*Founder of Tameri Tech*  
**Tel:** +237 681 02 70 55  
**Email:** [tendaallpha@gmail.com](mailto:tendaallpha@gmail.com)