

# IBRAHIM AL WALI

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## Software Engineer & Tech Lead

Expertise: Python, React, GCP, DevOps, AI/ML Integration

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## PROFESSIONAL EXPERIENCE

### 1001Epochs – Zurich, Switzerland (Remote)

#### Software Engineer | Tech Lead (April 2023 – Present)

- Led end-to-end development of client projects, from prototyping to production deployment.
- **Backend:** Built authentication, Redis caching, PostgreSQL with automated backups, and Stripe payment integration.
- **Frontend:** Developed core application module (React); collaborated with frontend team for seamless integration.
- **DevOps:** Managed GCP hosting, deployment, and infrastructure.
- **AI/ML:** Fine-tuned and deployed a range of deep learning models—including LLMs and computer vision architectures—into production on GCP, leveraging advanced techniques in tuning, benchmarking, and transformer optimization while managing the full machine learning lifecycle from data preparation to inference deployment.
- **Leadership:** Promoted to Tech Lead within 1 year; mentored team, conducted standups, and ensured deadlines.
- **Innovation:** Refactored multi-agent system using LangChain; built company's first internal SDK for reusable modules.
- **Tech Stack:** Python (FastAPI, Flask), React, GCP, Redis, Stripe, LangChain/OpenAI.

### UniqLearn - New York, United States (Remote)

#### Frontend Developer (January 2024 – October 2024)

- Optimized frontend-backend integration, reducing API request time by 60%
- Refactored frontend from JavaScript to TypeScript
- Implemented E2E/unit tests (Cypress), fixed bugs, and added new features.
- Collaborated with backend team to resolve incorrect requests and UI issues.
- **Tech Stack:** React, Redux, CSS, Cypress.

## Ayn Media – Tripoli, Lebanon (Remote)

### Junior Frontend Developer (Jan 2018 – Jan 2019)

- Built a React Native app (iOS/Android) for Arabic language education with interactive exercises.
  - Integrated REST APIs and SQL for dynamic content delivery.
  - Translated wireframes into UI components; code reviewed by senior developers.
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## EDUCATION

### Bachelor of Science in Computer Science

*Lebanese International University* | September 2019 – June 2022 | GPA: 3.4

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## TECHNICAL SKILLS

- **Languages:** Python, JavaScript, SQL
  - **Backend:** FastAPI, Flask, PostgreSQL, Redis
  - **Frontend:** React, React Native, Redux, CSS, Streamlit
  - **Cloud/DevOps:** GCP, Docker, CI/CD
  - **AI/ML:** YOLOv8, LangChain, Llama
  - **Tools:** Git, Cypress, Stripe, Twilio
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## KEY ACHIEVEMENTS

- Scaled 1001Epochs' first client project from demo to production (full-stack ownership).
- Deployed AI model (YOLOv8) on GCP for real-time image classification.
- Promoted to Tech Lead within 1 year; built internal SDK to accelerate development.