

LOIC NDAME

Lead Developer | Software Engineer

Pretoria, Gauteng, South Africa | +27 72 077 7952 | loic@ndame.co.za

linkedin.com/in/loic-a-ndame

PROFESSIONAL SUMMARY

Lead Developer with 10+ years of experience in Android development, software engineering, and technical team leadership. Proven track record of architecting and delivering large-scale consumer mobile applications, including the DStv Stream Android suite serving millions of users. Reduced playback error rates from 30% to 6.7% and improved crash-free rates from 88% to 99%. Skilled in Kotlin, Java, Flutter, Jetpack Compose, Python, and AI-assisted development, with extensive experience mentoring developers and driving Agile delivery.

TECHNICAL SKILLS

- **Software Engineering:** Android, Kotlin, Java, Flutter, Jetpack Compose, Python, Android SDK
- **Architecture:** Microservices, MVVM, MVI, Clean Architecture
- **Backend and Cloud:** Spring, Firebase, Amazon Web Services (AWS), REST APIs
- **Databases:** PostgreSQL, MySQL, SQLite, Firebase Realtime Database
- **AI Tools:** Claude Code, Gemini, GitHub Copilot
- **Testing and Debugging:** Espresso, JUnit, Firebase Test Lab
- **Tools and CI/CD:** Android Studio, Git, Bitrise
- **Methodologies:** Agile, Scrum
- **Leadership:** Team leadership, mentorship, code reviews, technical interviewing, knowledge sharing

WORK EXPERIENCE

Senior Lead Developer

MultiChoice Group, Johannesburg, South Africa | July 2023 – Present

- Provide technical leadership across the full range of Android products in the DStv Stream ecosystem, managing team deliverables, capacity, and wellbeing.
- Spearheaded the architecture design and development of the current suite of DStv Stream Android products.
- Reduced video playback error rates from 30% to 6.7% through systematic diagnosis and remediation.
- Improved the application crash-free rate from 88% to 99%.
- Advise on user experience (UX) and user interface (UI) design across related platforms.
- Mentor junior, intermediate, and senior developers, building team capability and succession depth.

Lead Android Developer

Dynamic Visual Technologies (DVT), Johannesburg, South Africa | April 2020 – June 2023

- **Lead Developer, MultiChoice engagement (March 2023 – June 2023):** Designed and developed Android platforms aligned with business requirements, ensuring high performance and scalability.
- **Team Lead, Discovery engagement (April 2020 – February 2023):** Led a team of Android developers, mentored junior to senior engineers, and conducted technical interviews for intermediate and senior roles.
- Spearheaded the development of microservices, improving efficiency between APIs and the mobile UI.
- Conducted 50+ technical interviews, raising the quality of engineering hires at DVT.
- Mentored junior and intermediate developers, increasing overall team productivity.

Software Engineer

Superbalist.com, Cape Town, South Africa | *Avril 2019 – March 2020*

- Designed and developed features on the Android platform and a growth and retention platform using Python, increasing user engagement.
- Reviewed team code to enforce best practices, significantly reducing production bugs.
- Provided technical support, resolving critical issues within SLA timelines.

Senior Developer and Research Assistant

Nelson Mandela University, Centre for Community Technology, Port Elizabeth, South Africa | *Feb 2015 – March 2019*

- Led the development of Android applications for rural health screening and hydroponic farming, improving accessibility for underserved communities.
- Published 3 peer-reviewed academic papers on e-learning, mobile monitoring systems, and human-computer interaction (HCI), presented at international conferences.
- Mentored honours students and moderated sessions at IT conferences.

EDUCATION

Master of Technology (MTech), Information Technology — Cum Laude

Nelson Mandela Metropolitan University | *2014*

Bachelor of Technology (BTech), Information Technology: Software Development

Nelson Mandela Metropolitan University | *2013*

AWARDS AND RECOGNITION

- Dean's Award, Nelson Mandela University, 2014
- Speaker, Science Forum South Africa, 2018

PUBLICATIONS

- A Prototype Mobile Monitoring System for Hydroponic Agriculture — IST-Africa 2014 Conference Proceedings
- HCI Guidelines: A Study for Developing Countries — 8th International Development Informatics Association Conference
- An Auto Grading Online Submission System: Case of Packet Tracer — 16th European Conference on e-Learning (ECEL 2017)

REFERENCES

Available on request.