

Théo FERNANDO

FINAL YEAR SOFTWARE ENGINEERING STUDENT - Available for a 6-month internship starting between July and Sept. 2026

I am a final-year software engineering student at ISEN Toulon and am currently pursuing a double degree at UQAC, with a rich international academic background (France, Netherlands, Canada). I am a French native with professional English proficiency, aiming to leverage technical skills in a challenging internship starting Summer 2026.

Academic projects

Recipe Keeper application

UQAC, Chicoutimi, QC, Canada From October 2025 to December 2025

- Designed a cloud-connected app using Firebase Authentication for secure user login and Cloud Firestore for database management.
- Implemented a hands-free cooking mode using the device microphone and Speech-to-Text API, allowing users to navigate recipes via voice commands.
- Led a beta testing phase with 5 users to gather feedback and iterate on UI/UX features.

Technologies: Kotlin (Jetpack Compose), Firebase (Auth, Firestore)

SkiNav

ISEN, Toulon From March 2025 to June 2025

- Developed an Android application assisting skiers in navigating resorts and filtering slopes by skill level.
- Integrated the Google Maps API to display interactive resort maps.

Technologies: Kotlin (Jetpack Compose), Node.js, Firebase (Auth, Firestore)

Professional experiences

Web development internship

City hall of La Seyne-sur-Mer, France From June 2025 to August 2025

- Designed and developed a real-time queue management system using Angular and Node.js.
- Integrated the "Publik" API to synchronize appointment data and reduce user wait times.
- Collaborated with the municipal team to define requirements and improve the user interface.

Technologies: Angular, Node.js

Seasonal Maintenance Worker

La Seyne-sur-Mer, Ernest Renan School, France July 2024

Ensured the cleanliness and disinfection of the recreation center.

Accessibility Assistant

La Seyne-sur-Mer, Plage des Sablettes, France July 2023

Ensured access to the sea for people with reduced mobility

Education

Double degree (Master's Degree in Computer Science)

UQAC, Chicoutimi, QC, Canada From August 2025 to 2027

- Winter 2026 (Current):** Advanced Algorithms (C++), Machine Learning & Data Processing (Python), Object-Oriented Programming (OOP), 3D Interaction & Virtual Reality (Unreal Engine).
- Fall 2025:** Cloud Computing (Microservices Architecture, Docker, Kubernetes), Software Engineering, Android Mobile Development, Project Management.

ERASMUS Exchange semester

Windesheim, Zwolle, OV, Netherlands From September 2024 to January 2025

Engineering Degree in Software Engineering

ISEN Méditerranée, Toulon, France From 2021 to 2027

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🏠 Chicoutimi, Canada

🌟 Open to international opportunities

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Social networks

🐦 @demoven

🌐 @théo-fernando

Skills

Programming Languages

Kotlin, Java, Python, C/C++, TypeScript, Javascript, HTML, CSS

Mobile & Web Development

Android (Jetpack Compose), Angular, Node.js (REST APIs)

Data & Algorithms

Data Structures, Machine Learning concepts (Scikit-learn, TensorFlow, PyTorch), Data Processing (Pandas, NumPy)

Tools, DevOps & Methods

Git, Firebase (Auth, Firestore), MongoDB, Agile Methodologies (Scrum)

Basics: Docker, Kubernetes, CI/CD (Github Actions)

Languages

French

Native language

English

Professional Working Proficiency (B2 First)

Interests

Travel

Explored 10+ countries across North America and Europe

Cooking

Music

10 years of piano training at the conservatory