ANTONIN DO SOUTO

Flutter & Mobile Apps Developer | Embedded & IoT

📞 +33 7 67 54 65 74   @ antonindosouto@gmail.com   🔗 linkedin   🔗 github   📍 Paris / Remote

PROFESSIONAL SUMMARY

Passionate mobile developer with **5+ years** of experience delivering **20+** cross-platform apps and IoT solutions. **Specialized** in Flutter, React Native, and **solid** experience with C-based embedded systems. Successfully led projects from concept to deployment, reducing app load time by **30%** and improving user engagement.

Experienced trainer who has helped **200+** students improve their skills across mobile development, backend, cybersecurity, cloud computing, and software engineering.

Eager to join innovative teams to build cutting-edge mobile and IoT solutions.

PROFESSIONAL EXPERIENCE

Lead Mobile Developer & IoT Developer

Ava Info Conseils   📅 2020 - Present

- Designed and developed cross-platform mobile apps (**Flutter**, **React Native**) and native solutions (**Java/Kotlin**, **Swift**)
- Built IoT projects like Smart Mirror: **Flutter** UI, **C**-based sensor control, Raspberry Pi, **MQTT** protocols, designed for real-world home use
- Implemented CI/CD pipelines (**GitHub Actions**) and optimized app performance and architecture
- Managed client relations and led cloud deployments using **Firebase** and **AWS**
- Delivered **production-ready** mobile applications tailored to private and internal business needs

International Trainer

EPITA, M2i Formation, INCO.org, Aston   📅 2022 - Present

- Delivered over **50** courses to **200+** students with **95%** satisfaction rate (mobile development, computer science, cloud, cybersecurity)
- Created tailored course materials and practical workshops adapted to various audiences
- Mentored student projects, providing technical and architectural guidance

Java Developer (Freelance)

Ava Info Conseils   📅 2017 - Present

- Developed **50+** software solutions and plugins (including **Minecraft**) using **Java**
- Built desktop and web applications (**JavaFX**, **Spring Boot**) and **REST APIs** for mobile backends
- Designed and deployed real-time **WebSocket** servers for live data streaming
- Worked on small robotics and **IoT** monitoring systems with **Java** and **Raspberry Pi**

PERSONAL PROJECTS

Smart Mirror

- Interactive **Flutter** interface, **Node.js** backend, **MQTT** communication
- **Raspberry Pi** integration with **C** programs for sensor management
- **Privacy-focused** local data processing

Ava Flow

- Business management app (**Flutter**) with invoicing, expense tracking, and task management
- Integrated with banking **APIs**, automated reporting (PDF, Excel), and **real-time** cash flow insights

CORE SKILLS

Mobile
Flutter, React Native, Java, Kotlin, Swift

Backend & APIs
Node.js, Firebase Functions, .NET, Spring Boot

IoT & Embedded
C, MQTT, WebSocket, Raspberry Pi, Electronic Schematics Reading

Cloud & DevOps
Github, GitLab, Github Actions, Firebase, AWS, Cloud Architecture, Firebase

Security
OAuth2, JWT, Secure API Design, CEH

Training & Mentoring
Course design and delivery, Technical coaching

EDUCATION & CERTIFICATIONS

CS50 Computer Science
Harvard (2025)

Web Developer RNCP 5
OpenClassrooms (2024)

Java, Python, C#, JavaScript, React, Rests APIs, SQL Certifications
HackerRank (2024)

Certified Ethical Hacker (CEH)
EC-Council (2022)

AWS Academy Cloud Foundations
AWS (2022)

LANGUAGES

French   Native   ●●●●●

English   Fluent   ●●●●○

Portuguese   Basic   ●●○○○