Tiago
Fonseca
Silva

`const role = "Senior Full-Stack Dev";`

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Dependencies
————

Core:
JavaScript (ES6+)
TypeScript
Node.js
React / React Native
HTML5 / CSS3

Backend & Data:
Express.js
WebSockets (Socket.io)
MongoDB / SQL
REST APIs

Infra & Tools:
AWS (S3, EC2)
Firebase / Firestore
Git / CI/CD
Jira / Agile

Education
————

BSc Computer Science
Ongoing

Full-Stack Bootcamp
Ironhack | 2021
MERN Stack Specialist

PhD in Psychology
ISPA | 2010
Attendance (Research)

MA in Psychology
ISPA | 2009

Languages
————— **PT** Native

EN Fluent (C2)
ES Professional

function Init() {

I am a **Senior Developer** with an unconventional background (MA in Psychology & PhD research), providing a unique edge in building user-centric interfaces (UX) and complex business logic.
My experience as a **Trainer and Consultant** allows me not only to write robust code (React/Node) but also to mentor teams, explain architectures to non-tech stakeholders, and lead projects from concept to deploy. **} // Ready to build**

class Experience {

Senior Frontend/Mobile Developer   2021 -- Present
@ Studio Graphene

Developing high-performance web and mobile applications for international clients.

› Technical leadership in **React Native** projects, ensuring native performance on iOS/Android.
› Mentoring junior developers and conducting rigorous Code Reviews.
› Integrating complex APIs and managing global state.

Full-Stack Developer & Founder   2013 -- Present
@ CORE Tech

Architect and lead developer of proprietary SaaS solutions.

› **Full-Cycle Development:** Design, coding, and deployment of a data management SaaS platform.
› Developing backend logic in **Node.js** for massive data processing.

}

const Projects = [

<ESG Management SaaS (The Killer App) />
Indexed platform for automatic standard extraction (GRI/SASB). Reduced audit time by 40%.
`// Stack: React.js, Node.js, MongoDB, Algorithms`

<Real-Time Auctions />
Low-latency architecture for live bidding via web and mobile.
`// Stack: WebSockets (Socket.io), Redis, React Native`

<Industrial IoT Dashboard />
Web/Mobile monitoring system for real-time sensor readings.
`// Stack: MQTT, Chart.js, React, Firebase`

<Fintech: Insurance App & Banking Web />
Secure, high-fidelity interfaces for the banking sector (Clients: BPI, Insurers).
`// Stack: TypeScript, Security Standards, UX/UI`

<Solar/Electric Grid Manager />
Mobile app for visualization and management of energy consumption/production.
`// Stack: React Native, Data Visualization`

];

function Knowledge_Sharing() {

Certified Trainer & Lecturer   2021 -- Present
@ CRIAP & Corporate

Knowledge transfer and strategic upskilling.

› Translating complex technical/compliance concepts for diverse audiences.
› Facilitating innovation workshops and corporate training.

Host & Producer   Legacy Project
@ Podcast "Conversas com Impacto"

Tech/Social innovation podcast production (+50 episodes). Networking with industry leaders.

} // Knowledge shared