

Thomas Smallwood

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Profile

Motivated career switcher with hands-on experience building real-world applications and a strong foundation in backend development. Currently developing a full-stack multi-tenant system using TypeScript, NestJS, and PostgreSQL under the guidance of a senior mentor. Known for being proactive, fast-learning, and collaborative — ready to contribute to professional teams and grow as a software engineer.

Skills

- **Languages:** TypeScript, Python, JavaScript, C, SQL
- **Frameworks/Tools:** NestJS, NextJS, Flask, Git, PostgreSQL
- **Soft Skills:** Fast Learning, Teamwork, Communication, Problem Solving

Projects & Experience

Real Estate Management Platform | Barcelona, Spain

Full Stack Developer | TypeScript, PostgreSQL, NestJS | 01/2025 - Present

- Designing and building a multi-tenant backend with real-time analytics and API endpoints
- Collaboration with a senior mentor to structure a scalable database architecture
- Management of income, costs, and user access across multiple properties

Merchanservis | Barcelona

IT Intern | 10/2024 - 05/2025

- Assistance with testing and debugging internal tools
- Documentation of API endpoints and backend workflows
- Participation in team meetings and technical discussions
- Observation of Git workflows and contribution to version-controlled tasks

CS50 Coursework Projects (HarvardX) | Barcelona

Student | C, Python, SQL, Web (Flask) | 11/2024 - 03/2025

- Completion of Harvard's CS50 course, implementing low-level and web projects
- Development of a spell checker using hash tables, a stock trading simulation, and a Flask-based finance app
- Gaining strong foundations in algorithms, memory management, and problem-solving

Education

HarvardX | Barcelona, Spain

CS50: Intro to Computer Science | 05/2025

University of Tennessee - Chattanooga | Chattanooga, TN

Masters of Public Administration | 05/2019

University of Alabama - Birmingham | Birmingham, AL

Bachelor of Communications | 05/2017

References

- **Eduardo Andrade**, *Fullstack Developer* | +34 623 132 965 | eduardo@andradee.com