Emanuele Montalto

Economics and Management | Software Development

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Profile

Economics and Management graduate completing a master's degree at Tor Vergata, with experience as a Software Developer at Caes Software since March 2025. Responsibilities include requirements discussions, business process analysis, solution design and web application development. Personal and academic projects combine this background with data analysis, automation and AI systems, connecting business problems with working software.

Professional experience

Software Developer | Caes Software s.r.l.

March 2025 - present | Rome

- Discuss requirements and analyse business processes to inform application solutions.
- Contribute to solution design and web application development for business management software.
- Build React and TypeScript interfaces and integrate backend services through REST APIs.

Education

Master's degree in Economics and Management

Università di Roma Tor Vergata | October 2024 - in progress

All examinations completed. Degree in progress.

Bachelor's degree in Economics and Management

Università di Roma Tor Vergata | September 2021 - July 2024

Selected projects

FIDIA | Master's degree project

Translated an analysis of corporate governance and business groups into a research and presentation platform with structured data, traceable sources and interactive visualizations. Built an AI governance-support prototype based on the azienda-persona theory.

AURIGA | Oracle hackathon

Race engineering system connecting telemetry, regulations and AI agents. Its Strategy Lab lets users adjust race parameters and compare scenarios through a Monte Carlo simulator; the original module is available in the portfolio.

Splitro | Personal project

Web and Telegram application for sharing travel costs. AI request interpretation is separated from deterministic allocation in integer cents; shares, balances and history can be explored in the original portfolio demo.

Skills

Business and analysis: Business process analysis, requirements discussions, solution design; corporate governance and source-based research in projects.

Development and data: Python, TypeScript, JavaScript, React, FastAPI, SQL, PostgreSQL, SQLite, REST APIs.

AI and tools: AI agents, LLMs, RAG, tool calling, automation; Git, Docker and Linux.

Languages and awards

Native Italian. English B2 CEFR certified, May 2026.

First prize | Blockchain Innovation Day Ideathon, ICP Hub Italia, Rome, March 2024. Blockchain project addressing business problems.