

# David Henriques Figueiredo

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## EXPERIENCE

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### UDDAN

**Lisbon, Portugal**

*Software Developer*

*Nov 2021 - Present*

- **AI app Development and Deployment:** Voice-to-text SaaS used to parse voice recordings into data entries. Sole developer, responsible for the implementation and deployment and maintenance.
  - Technologies: FastAPI, Jinja2, PostgreSQL, Docker, whisper, spaCy
- **Energy Rebate Program:** Implementing a solution for the state of Montana, USA, to allow for installation and renewal of household items using state funding, to achieve better energy efficiency.
  - Technologies: Outsystems 11, Reactive, Jira
- **Invoice and Debt Management:** Back end engine responsible for collecting clients debt, managing and communicating it to the client for a private hospital business. Responsible for maintaining code base and new implementations.
  - Technologies: Outsystems 10, Traditional, Mobile, Oracle DB, Trello, Confluence, Azure DevOps.

### Freelance

**Porto, Portugal**

*Software developer*

*May 2024 - Present*

- **Technical Support and Deployment:** AI-driven internal web app, used to accelerate image description for high-end retail department group, using Image-to-Text models and LLMs. Responsible for deployment integrations and support.
  - Technologies: Flask, HuggingFace, ChatGPT, Ubuntu Server.

### Freelance

**Madrid, Spain**

*Software developer*

*Mar 2024 - Sep 2024*

- **Managed integrations and Deployment:** Application used as intermediate shipment service between logistic operators and end user / businesses. Responsible for integrations, business logic and maintenance. Working with multiple logistic operators across Europe and South America.
  - Technologies: FastAPI, AWS Lambda, Outsystems Reactive, Twilio, Landbot.

## EDUCATION

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### Instituto Politécnico de Castelo Branco

**Castelo Branco**

*Bachelor of Computer Science*

*2016 - 2025*

- **Thesis:** [Aligning Software Engineering Teaching Strategies and Practices with Industrial Needs](#)

## CERTIFICATES

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*Machine Learning Specialization - Stanford University, DeepLearning.AI, Coursera, 2024-04*

*Machine Learning with Python - IBM Coursera, 2023-11*

*Scientific Computing with Python - freeCodeCamp, 2023-06*

*Associate Developer (ODC) - Outsystems, 2023-06*

*Associate Reactive Developer (Outsystems 11) - Outsystems, 2021-11*