

# Henrique Filipe Correia Barata

SOFTWARE ENGINEER



## SUMMARY

Software Engineer with problem-solving abilities, known for creating efficient solutions and thinking outside the box to overcome challenges. I'm a fast learner with a Java, Python, PHP, SQL, and project management background. Discover more about my work and explore my portfolio on [my website](#).



## EDUCATION

**Bachelor:** Computer Engineering

**Master's Degree:** Computer Engineering

**Curricular Specialization:** Artificial Intelligence and Games

Faculdade de Ciências, Universidade de Lisboa



## SKILLS

- Object-Oriented Programming;
- Machine-Learning;
- Project management;
- Software design;
- Computer Graphics and Animation;

### Other Skills:

- Problem-solving;
- Resourcefulness;
- Creativity;
- Fast learner;
- Adaptability;
- Teamwork;



## EXPERIENCE

### VAIPREVENTION - Software Engineer (15 Months)

I developed a web application from the ground up to prevent type 2 diabetes using a Virtual Assistant, collaborating with 16 researchers across five institutions. My key contributions included:

- Designing and implementing the full stack;
- Developing the Virtual Assistant dialog engine;
- Structuring the application's architecture following the MVC pattern;
- Configuring secure servers and databases;
- Implemented security features like data encryption, access controls, and secure transmission protocols.



## WEBSITE



[Henrique Barata](#)

## CONTACT



[henrique.fc.barata@gmail.com](mailto:henrique.fc.barata@gmail.com)



Póvoa de Santa Iria



[Henrique Barata](#)

## LANGUAGES

**Português:** First language

**English:** C1 (Advanced)

## PROGRAMMING LANGUAGES

|| Java || Python || JavaScript  
|| PHP || C++ || Kotlin || Aseba  
|| HTML || CSS || SQL ||