

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 Science

Final Grade: 14/20

Master's Degree: Computer Science

Final Grade: 17/20 - FCT Scholarship Awarded

Faculdade de Ciências, Universidade de Lisboa 2019-2024



SKILLS

- Object-Oriented Programming;
- System Design & Scalability;
- Data Structures & Algorithms;
- Database Management;
- Natural Language Processing;
- Machine-Learning;

Other Skills:

- Problem-solving;
- Resourcefulness;
- Creativity;
- Fast learner;
- Research Skills;
- Teamwork;



EXPERIENCE

VA|PREVENTION - Software Engineer (09/2023 - 11/2024)

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



[Henrique Barata](#)

LANGUAGES

Português: First language

English: C1 (Advanced)

PROGRAMMING LANGUAGES

|| Java || Python || PHP || JS ||