






# Gonçalo Caré Fonseca

Software Engineer | Master’s in Computer Engineering | Tech & Business Tools Assistant at 2Logical

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## Summary



Hi there! I'm Gonçalo Fonseca, from Lisbon, Portugal.

I am a persistent and adaptable professional with a strong focus on overcoming challenges and improving outcomes. I like to work on a team and aspire to excel in the Computer Science field. I have experience in C#/.NET for back-end development, as well as front-end technologies like HTML, CSS, JavaScript, and Bootstrap. I manage SQL Server databases and often use Python for automation and data processing tasks. I’ve also built personal projects using Flutter, showing my curiosity and adaptability across tech stacks. I'm passionate about building useful, clean, and scalable solutions, and I’m always eager to grow as a developer. I'm constantly exploring new programming languages and tools to improve myself as a software engineer, with a willingness to embrace new technologies for continuous growth.




## Experience

<b>2Logical</b>	<b>2019 - Present</b>
Tech & Business Tools Assistant	Lisbon, Portugal
<ul style="list-style-type: none"><li>Led the development and management of multiple technological projects, including creating and maintaining SQL databases, client-specific C\# .NET MVC websites focused on virtual events (webinars) and health professionals' daily information, as well as developing tools to automate workflows and improve operational efficiency across teams;</li><li>Developed Python scripts to automate workflows, optimize processes, and enhance team productivity, reducing manual workloads;</li><li>Provided IT support across the company, including configuring, installing, and troubleshooting hardware and software, ensuring seamless operations;</li><li>Designed and implemented marketing emails using HTML, enabling efficient communication with clients through automated campaigns;</li><li>Delivered high-quality results under tight deadlines, ensuring client satisfaction while adapting to evolving requirements.</li></ul>	

## Education

<b>Lisbon Institute of Engineering, Polytechnic Institute of Lisbon</b>	<b>2022 - 2024</b>
Informatics and Multimedia Engineering	Master's Degreee
 <a href="https://www.isel.pt/en/curso/masters-degree/master-informatics-and-multimedia-engineering">https://www.isel.pt/en/curso/masters-degree/master-informatics-and-multimedia-engineering</a>	
Deepened technical expertise in software engineering, large-scale data processing, and AI. Projects included a web platform for managing SMS campaigns (emphasizing software architecture) and the DailyNow mobile app in Flutter (focused on user experience and mobile dev). My thesis involved a real-time Portuguese Sign Language translator using CNNs, MediaPipe, and TensorFlow Lite. Gained some practical experience in distributed computing, cybersecurity, computer vision, and interactive systems.	
<b>Barreiro School of Technology, Polytechnic Institute of Setúbal</b>	<b>2017-2021</b>
Bioinformatics	Bachelor Degree
 <a href="https://www.estbarreiro.ips.pt/cursos/licenciaturas/lbi">https://www.estbarreiro.ips.pt/cursos/licenciaturas/lbi</a>	

## Projects

<b>Real-Time Portuguese Sign Language (LGP) Translator using AI</b>
 <a href="https://github.com/souocare/thesis_portuguese_sign_language">https://github.com/souocare/thesis_portuguese_sign_language</a>
Developed as part of my Master's thesis, this mobile application translates Portuguese Sign Language (LGP) gestures into text in real-time. It integrates Convolutional Neural Networks (CNN) and MediaPipe for gesture recognition, leveraging TensorFlow Lite for optimized mobile deployment. The project aims to foster social inclusion by facilitating communication between deaf and hearing individuals.
<b>DailyNow App</b>
 <a href="https://github.com/souocare/dailynow-daily-information-app">https://github.com/souocare/dailynow-daily-information-app</a>
DailyNow App is designed to be your all-in-one solution for staying informed and connected.
Built with Flutter/Dart during the curricular unit Interactive Multimedia Applications during my Master's degree. It was designed to have lots of information in one application.
<b>Telegram Bot</b>
 <a href="https://github.com/souocare/bot-infodiaria-pt">https://github.com/souocare/bot-infodiaria-pt</a>
Telegram Bot which shows daily information such as newspaper covers, weather, Covid-19 cases, and others

## Skills

<b>Python</b>	<b>C#</b>	<b>SQL</b>	<b>Flutter/Dart</b>	<b>WebDev</b>
	.NET	SQL Server, MySql, PostgreSQL		HTML/CSS/Javascript
<b>PowerBI</b>				
<b>Interests</b>				
<b>Travel</b>	<b>Photography</b>	<b>3D Printing</b>	<b>Bodyboard</b>	
<b>Languages</b>				
<b>Portuguese (Native)</b>	<b>English</b>	<b>Spanish</b>		