Guilherme **Pinheiro**

FULL STACK SOFTWARE ENGINEER & SCRUM MASTER

Porto, Portugal

(+351) 938 400 164 | pinheiropgui@gmail.com | guilhermepinheiro.me | gppinheiro

Personal Statement

I'm an energetic and enthusiastic engineer with a deep passion for the evolution of technology and the profound impact engineers can have on the world. My engineering approach is rooted in strategic thinking and a keen understanding of the demands of today's technological landscape. I guide my performance with essential principles such as collaboration, determination, and proactivity. Outside of my professional life, I am a devoted sports lover and I always engage in side projects or in a book to expand my knowledge and skills.

Skills

Technical   .NET, Python, JS, HTML, CSS, SQL
Languages   Portuguese (Native), English (C1), Spanish (A2)

Experience

Nmbrs   *Lisbon, Portugal*
SCRUM MASTER   *Aug. 2022 - Present*

- Lead two dynamic teams: the Frontend Chapter and Infrastructure, fostering a culture of collaboration and accountability across multicultural team members.
- Champion Agile principles and practices within the organization, leveraging Professional Scrum Master Level I and II certifications to guide teams in implementing Scrum methodologies effectively.
- Use JIRA as my project management tool.

Nmbrs   *Lisbon, Portugal*
FULL STACK SOFTWARE ENGINEER   *Aug. 2022 - Present*

- Develop and maintain features for both microservices and monolithic architectures, enhancing functionality and user experience across the platform.
- Transitioned from a product-focused team to the Core team, contributing to the enhancement of core technical capabilities and ensuring the development of robust and scalable software solutions.
- Engineered the creation of the Dutch Payroll Assistant from scratch, delivering a tailored solution that help our customers to get answers quickly.
- Utilize .NET and JavaScript as primary programming languages, and employ Azure DevOps for CI/CD.

LTPlabs   *Porto, Portugal*
JUNIOR BUSINESS ANALYST   *Feb. 2022 - Jul. 2022*

- Designed and implemented two advanced optimization models using Python, SQL, and CPLEX: one for dynamic time and mileage pricing and fleet planning, and another for strategic vehicle repositioning.
- Developed user-friendly interfaces in VBA Excel to facilitate real-time data analysis and decision-making for non-technical users.
- Analyzed large datasets to identify trends and provide actionable insights, leading to more informed strategic decisions and improved operational efficiency.
- Collaborated closely with client stakeholders through daily interactions to gather requirements and align project objectives with business goals.

Education

FEUP (Porto University of Engineering)   *Porto, Portugal*
BENG + MENG, ELECTRICAL & COMPUTERS ENGINEERING   *Sep. 2017 - Jul. 2022*

- Graduated with an A.
- Field of studies: Electronics & Automation.
- Master's Thesis Title: "Analytical Revenue Management in a Car Rental Company".
- Master's Thesis Grade: 19 / 20.

Projects

E-commerce Website *In Progress*
- Developing a user-friendly e-commerce platform from the ground up. This project will provide me with valuable insights and practical experience in web development.

Stock Analysis Tool *In Progress*
- Designed and developed a script to assist me in identifying the most crucial pillars when searching for new stocks in the market.
- Created a secure database server to store all the static data required for analyzing companies and the market.
- This projects consists into two main services: stock analysis and economic indicators.

Guilherme's Website *Done*
- Designed and developed a functional portfolio website that showcases my skills and experience.

Formula Student FEUP *Done*
ELECTRONICS & SOFTWARE DEPARTMENT MEMBER *Sep. 2021 - Jul. 2022*
- First year that our university competed on Formula Student. I was one of the chosen to grow and help the team to develop the first FEUP's fully electric formula racing car.
- Designed and developed the Battery Pack, including choosing the cells, thinking of the best cell disposal, fuses, security relays, Battery Management System (BMS), and cables, among other things. To properly design the accumulator, three departments were connected.
- The first-year concept team got outstanding marks in worldwide competitions. The team accomplished the winning concept team trophy in Silverstone, England, and the best car design. In Parma, Italy, the team got second place overall.

Key Achievements

2024	**Proud,** One-Year Results from the Stock Analysis Tool.	
2022	**Proud,** The operation costs of the car rental company have been significantly reduced.	*Master Thesis*
2022	**Winner,** Best Concept Team, and Best Car Design in Silverstone, England.	*Formula Student*
2020	**Winner,** Eurekathon - Partnership between Food Bank Against Hunger, LTPLabs, NOS, and PBS	*Eurekathon*
2019	**Finalist,** COTEC i4.0 Challenge	*CITEVE*