

## EDUCATION

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- **Polytechnic Institute of Guarda** Guarda, Portugal  
*Bachelor of Computer Engineering* Sep 2018 - Dec 2022
  - **Thesis:** [Extending a competitive programming web application](#)
  - **Published Article:** [Codeflex 2.0 - Experience with Competitive Programming in Logical and Functional Paradigms](#), IGI Global, 2023
- **IPAM – The Marketing School** Lisbon, Portugal  
*Post-Grad in Marketing and Business Technologies* May 2021 - Jan 2022
  - **Focus:** Digital transformation, business analytics, AI, big data, and design thinking in marketing
  - **Highlight:** Webinar with Miguel Ribeiro Ferreira, a Portuguese entrepreneur from the 'Shark Tank' series
- **Polytechnic Institute of Guarda** Guarda, Portugal  
*Higher Professional Tech Course in Software Development* Sep 2016 - Jun 2018

## EXPERIENCE

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- **Full Stack Developer & UI/UX Designer** Remote  
*Independent Contractor* Mar 2023 - Ongoing
  - **Web Development:** Developed an image translation web application using Svelte & FastAPI
  - **Design & UX:** Directed and executed UI/UX design, creating a polished and intuitive interface with Figma
- **Software Developer Intern** Guarda, Portugal  
*Polytechnic Institute of Guarda* Jul 2022 - Dec 2022
  - **Web Development:** Upgraded [Codeflex](#), a competitive programming platform using React & Spring. An in-depth overview of features, enhancements, and contributions is detailed in the thesis linked in the Education section.
  - **Plagiarism Detection:** Integrated and extended open-source plagiarism tools [1], [2]
  - **Compiler Integration:** Developed a compilation system supporting multiple programming languages
  - **Performance Tuning:** Optimized platform for enhanced efficiency and user experience
  - **Real-world Usage:** Conducted competitive programming tournaments with over 30 students at the Polytechnic
- **Software Developer Intern** Guarda, Portugal  
*GoContact* Mar 2018 - Jul 2018
  - **Web Development:** Developed [GoJira](#), a web app to enhance JIRA project monitoring, using React and Node
  - **Learning & Collaboration:** Engaged with the development team, expanded my coding expertise, and received hands-on experience from real-world application development
- **Graphic Design Freelancer** Guarda, Portugal  
*Visualoutline (Founder) & Visualoutline at Freelancer.com* Aug 2014 - Ongoing
  - **Branding:** Crafted resonant branding and logos [1], [2], [3]
  - **Design & Media:** Produced a variety of media, ranging from social content and presentations to print materials
  - **Digital Marketing & UI/UX:** Developed interactive UI/UX designs and digital marketing campaigns
  - **Client Relationships:** Maintained enduring client relationships through exemplary service

## PROJECTS & CERTIFICATIONS

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- **Meta Front-End Developer Specialization:** Certification in HTML5, CSS, React, and UI/UX
- **codeflex2:** Competitive programming web application using React and Spring
- **terminal-headlines:** Developed a command-line news aggregator using C++ and ncurses
- **More Projects:** Additional projects and details are available on my personal website

## PROGRAMMING SKILLS

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- **Front-end:** JavaScript, HTML, CSS, React, Svelte, Bootstrap, Tailwind
- **Back-end:** Python, Java, Node, FastAPI
- **Design:** Adobe Photoshop, Adobe Illustrator, Adobe XD, Adobe InDesign, Figma
- **Technologies & Tools:** Git, Docker, Wordpress, Linux