



DIOGO GASPAR

COMPUTER ENGINEERING

PROFESSIONAL SUMMARY

Motivated Computer Engineering student with strong focus on Web, Mobile, and Software Development.

Experienced in building full-stack applications and collaborative projects using modern frameworks such as React, Node.js, Express.js, Ionic, and Phaser.

Passionate about learning, problem-solving, and applying technology to real-world challenges.

TECHNICAL SKILLS

- **Frontend:** React, Angular, Vue.js, Svelte, Next.js, Ionic, Bootstrap, HTML/CSS, JavaScript, TypeScript
- **Backend:** Node.js, Express.js, GraphQL, REST API, Docker, SQL (MySQL, PostgreSQL), MongoDB, NoSQL
- **Mobile & Cross-Platform:** Ionic, Kotlin
- **Other:** Python, C/C++, Java, C#, Unity, YOLO, MLFlow, Git, RabbitMQ, Mendix

SOFT SKILLS

- Teamwork & Collaboration
- Problem-Solving
- Adaptability & Fast Learning

CONTACT ME

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Linkdin: [diogoogaspar](#)

Github: [DiogoGaspar6](#)

KEY PROJECTS

Smart Table

Tech: React, Node.js, MySQL, Express.js | [Github Repository](#)

- Café ordering system with QR codes and a kitchen management dashboard.

Estampado

Tech: TypeScript, HTML, SCSS | [Github Repository](#)

- Developed for the “Human-Machine Interaction” course, this Ionic 7 application allows users to buy and creatively customize products to obtain unique items.

Reconhecimento de Matrículas

Tech: Python, YOLO, Docker | [Github Repository](#)

- This computer vision project uses YOLO to detect and recognize license plates in real time via a mobile camera, with an image processing pipeline that stores data in Excel, showcasing applications in security, smart parking, and fleet management.

SilentWar

Tech: Vue, JavaScript, HTML | [Github Repository](#)

- Developed for the “Networked Information Systems” course, this project is a real-time auction system using Vue.js, Express.js, MongoDB, Socket.IO, and JWT for authentication and secure sessions.

Gesture Plugin

Tech: JavaScript, HTML, CSS, Handpose.js | [Github Repository](#)

- GesturePlugin is a browser extension that lets you control web pages with hand gestures, using AI models to detect and classify gestures in real time, ideal for accessibility, productivity, and innovative browsing experiences.

EDUCATION

Polytechnic Institute of Viana do Castelo

Bachelor's in Computer Engineering | 2022 – 2025

Polytechnic Institute of Viana do Castelo

Master's Degree in Computer Engineering | 2025–2027 (currently pursuing)

EXPERIENCE

Continente Bom Dia – Vila Praia de Âncora, Portugal

Stock Replenisher | Jul 2022 – Aug 2022 (Seasonal Summer work 2023–2025)

- Customer support and stock management.
- Developed teamwork, organization, and problem-solving skills.

Full-Stack Web Development in Family and Personal Projects (2023 - Present) | Tech: React, Express.js, PHP, MariaDB and PostgreSQL

- Building RESTful APIs for authentication systems and databases.
- Developing responsive and mobile-optimized user interfaces (UIs), ensuring their compatibility with different screens.