Gonçalo Lopes

goncalopes.me@gmail.com | gde-alme.github.io | github.com/gde-alme/

Software developer with a vast knowledge in computer science, mathematically inclined, creative, and inherently curious, with a strong predisposition to learn. My experience extends beyond technical skills, including communication and management expertise gained from roles in customer-facing companies. I pride myself on being concise, attentive, driven, and goal-focused. Once I set my sights on an objective, I am relentless until I achieve it.

Experience(programming wise)

Full Stack Developer – Mader, Portugal   Mar 2024 – Present

- **Kotlin**: Developed a robust Android application to track packages during delivery, ensuring real-time updates and accurate status reporting.
- **JavaScript / HTML / CSS**: Designed and implemented multiple responsive front-end web pages for both client-facing and back-office systems, enhancing user experience and operational efficiency.
- **PHP**: Engineered the backend infrastructure to manage all REST API calls from the mobile app, client-side, and back-office interfaces, ensuring seamless data integration and performance.

Full Stack Developer – Full Remote   Feb 2023 – Jan 2024

- **TypeScript / React / MongoDB:** Developed a comprehensive e-commerce web application using Next.js. Utilized React with Tailwind CSS for the front-end and headless MongoDB for the database, ensuring a seamless and efficient user experience.
- **JavaScript / HTML / CSS:** Designed and implemented multiple responsive front-end web pages for both client-facing and back-office WordPress websites, enhancing usability and accessibility.
- **PHP:** Enhanced WordPress functionalities and developed two complex plugins, providing custom solutions to meet specific client needs.

Education

42 Lisboa – Degree in computer science   *Mar 2021 – Sep 2023*

- Completed over 15 programming projects, ranging from low level coding (C/C++) to an entire nest.js & react, typescript responsive website, with a playable game and messaging features.
- All 5 exams passed with no access to internet / manual: general algorithms deployment, a server written in full in C to serve a group chat, a c++ multi-level exam.

NOVA Lisboa – Degree in management (2 years)   *Sep 2017 – July 2019*

Skills

Linguistic Skills: Portuguese: Native | English: Fluent | Spanish: Business Fluent

Hard Skills:

- C; C++; PHP; vanilla javascript & a variety of frameworks (typescript, next.js, node.js, react); Python; Html and CSS (tailwind/bootstrap & pure css);
- Docker (containers) usage & deployment;
- Virtual machine / cloud server usage & deployment;
- Linux (daily user since 2015 / power user for 3+ years);
- MySQL, MariaDB and other databases;
- RestAPI & Sockets creation & usage;