



Pedro Paula

📍 **Home** : R Aforamento B Marinha 3 RC DT, Fajã De Baixo, 9500-456, Ponta Delgada, Portugal

✉ **Email**: pedroricopaula@gmail.com ☎ **Phone**: (+351) 919325533

🌐 **Website**: <https://pedropaula.com/> 🔗 **LinkedIn**: [Pedro Paula](#)

ID: 14520578 **Gender**: Male **Date of birth**: 22/01/2000 **Nationality**: Portuguese

ABOUT ME

Web developer and University of the Azores graduate, where I completed a professional traineeship at Ahau Software building real-world web solutions. Developer of hoqueiclubepdl.com and of my own SaaS products under the Pedro Paula Labs brand, I'm focused on growing across web technologies, computer science and team leadership. Outside tech, I'm an active roller hockey player and coach — I carry the same teamwork and discipline from the rink into every project.

EDUCATION AND TRAINING

[23/09/2023 – 07/08/2025]

Professional Higher Technical Course (CTeSP) in Web Application Development

University of the Azores <https://www.uac.pt/>

City: Ponta Delgada | **Country**: Portugal | **Level in EQF**: EQF level 5

[20/10/2022 – 04/08/2023]

Computer Programming

Master D <https://www.masterd.pt/>

City: Ponta Delgada | **Country**: Portugal | **Field(s) of study**: Information and Communication Technologies: • *Software and applications development and analysis* | **Level in EQF**: EQF level 4

WORK EXPERIENCE

Ahau Software

City: Ponta Delgada | **Country**: Portugal

[03/02/2025 – 07/09/2026]

Web developer

Completed the final supervised traineeship of the CTeSP in Web Application Development at Ahau Software. Contributed to real-world web projects across the full stack, using modern technologies such as JavaScript/TypeScript, Node.js and databases. Worked within an Agile team, applying version control (Git) and collaborating on development, testing and debugging of web solutions.

PROJECTS

[03/02/2025 – 11/06/2026]

Parque Grená

Built and maintained the Parque Grená website using the Tilda CMS. Developed a custom booking system with C# and ASP.NET (MVC architecture) and Entity Framework, including GUID-based booking references, transactional email via SendGrid, and payment processing via Stripe. Used Razor components and CSS for the front-end layout.

Also captured 360° video footage for VR headset viewing.

Link: <https://parquegrena.pt/>

[07/10/2025 – 28/08/2026] **Greet Azores**

Built and maintained a booking system for a tour guide business, including payment processing and email notifications.

Supports EN and RU, tour catalogs, a complete booking workflow, Stripe payments, a review system, and full mobile responsiveness. Includes an admin panel, a management calendar, and image, document, and content upload/management.

Backend: Express.js with TypeScript, PostgreSQL with Drizzle ORM, JWT authentication, Stripe with webhook integration, SendGrid with EN/RU templates, and Swagger/OpenAPI documentation. Frontend: React 18 with TypeScript, UI built with shadcn/ui and Tailwind CSS, client-side routing, Zod validation, Git version control, and Google Analytics. Built and deployed on AWS EC2 using Docker.

Link: <https://greetazores.com/>

[24/11/2025 – 26/03/2026] **Atlantum R&D**

Built and maintained an AI-driven static website with blog publishing powered by n8n workflows, plus a contact form with email delivery.

Supports PT and EN, designed in Figma, and integrates with n8n via API: given a title and description, the workflow generates on-topic content following defined rules, along with an AI-generated image; each post is held for approval via a pull request before publishing.

Used React 18 with TypeScript, Vite for the build, Express.js, React Router DOM, Tailwind CSS, Radix UI, Framer Motion, React Hook Form with Zod, and Sonner for notifications, deployed via Docker on AWS EC2.

Includes SEO optimization with Google Analytics and detailed documentation.

Link: <https://atlantum.net/>

[19/02/2026 – 07/09/2026] **CRM Suite**

Built and maintained an internal CRM for the company, delivered privately as a Docker image via Amazon ECR.

Client management covering contacts, contact groups, and companies; a Kanban board for deals; activity tracking (tasks, meetings, calls, notes, reminders); email setup via SMTP/IMAP with Google and Microsoft OAuth; reporting; role-based access (Admin, Sales, Read-Only); and auto-seeded email and activity templates. Integrates with OpenClaw via Telegram, enabling controlled changes and configuration through chat-based requests via API.

Used Next.js 16, React 19, Tailwind CSS 4, TypeScript 5, PostgreSQL with Prisma ORM, JWT authentication, cron-based syncing, MailerSend API and Nodemailer (SMTP), AES-256-GCM encryption, dnd-kit for drag-and-drop, Playwright for testing, and a Docker container for build and deployment on AWS.

Automatic cron sync refreshes connected CRM mailboxes every 15 minutes.

Includes detailed documentation, as the project was built under Portugal's PRR (Recovery and Resilience Plan) funding requirements.

[08/08/2026 – Current] **Freelance WordPress - Plugins - Mercado do Homem**

Audited the full codebase and remediated real vulnerabilities: an unprotected public directory leaking internal data, an OAuth CSRF flaw, missing capability checks on privileged AJAX endpoints, CSV formula injection, and unsanitized output in custom blocks.

Refactored blocking request-time logic into WordPress hooks and background cron jobs, and introduced targeted caching, reducing unnecessary work on every page load.

Set up static analysis and CI from scratch (PHPCS/WordPress Coding Standards, PHPStan, GitHub Actions) for a codebase that previously had none.

Root-caused and fixed a production bug (CSS specificity issue hiding CTA button text) through systematic empirical testing, correcting an incorrect third-party AI diagnosis in the process.

Built a local WordPress/MySQL/PHP environment to validate every change against real rendering output ahead of the client's manual production deploys.

Continuing in an ongoing capacity to ship improvements and build new modules.

Link: <https://mercadodohomem.pt/>

[21/04/2025 – Current] **Freelance Hóquei Clube PDL**

Official website for Hóquei Clube PDL, a roller hockey club founded in 2012 in Ponta Delgada, Azores.

Includes a homepage, a sport overview guide, a game calendar, official club announcements, a blog, and a sponsors page. Fully responsive with light/dark mode, per-page SEO (meta tags via react-helmet-async, schema.org structured data), and static pre-rendering of every route with an auto-generated sitemap.xml.

Built with React 18, TypeScript 5.5, and Vite 6, Tailwind CSS with shadcn/ui (Radix UI) components, framer-motion for animations, next-themes for theme management, React Router v6 for client-side routing, and @tanstack/react-query for data fetching. Static pre-rendering and visual testing are handled with Playwright. Continuously deployed on Cloudflare Pages.

Open-source repository (MIT license): github.com/PedroRicoPaula/hc-ponta-delgada

Link: <https://hoqueiclubepdl.com/>

SKILLS

JavaScript | TypeScript | use markup languages | CSS | Node.js e NPM | web programming | programming, software engineering, software development | debug software | use software libraries | Databases (MongoDB MySql PostgresSql) | Web services & web APIs | web application security threats | cloud technologies | Agile development | Rapid application development | solve problems | think analytically | adapt to change | work in teams | Git/Github, Docker, Gitlab

LANGUAGE SKILLS

Mother tongue(s): Portuguese

Other language(s):

English

LISTENING C1 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DRIVING LICENCE

Cars: B

HOBBIES AND INTERESTS

Roller Hockey Player and Coach

Active roller hockey player and coach, and developer of my club's official website (hoqueiclubepdl.com). I bring the teamwork, discipline and leadership from the rink into every project.

Link: <https://hoqueiclubepdl.com/>