

Gabriela Barreira | Software Engineer

289-700-9915 | gcdbarreira@gmail.com
[linkedin.com/in/gabcsb](https://www.linkedin.com/in/gabcsb) | github.com/nameisbri

PROFILE

Software Engineer with a unique background combining 8 years of marketing experience with technical expertise in building scalable web services. Specialized in backend development with a focus on healthcare applications, having created secure data management solutions that prioritize user experience. My transition from content strategy to engineering stems from my passion for building impactful, user-centric tools. Looking to leverage my full-stack expertise and healthcare technology experience to build scalable backend solutions that improve health outcomes.

SKILLS

JavaScript, Node.js, Express.js, RESTful APIs, React Database Design & Management (MySQL, database optimization)
Git/GitHub, Agile Development (Kanban) Test-Driven Development, Code Review Practices

PROJECTS

Full Stack Developer | [Discloser - Health Information Platform](#)

FEB 2025, BRAINSTATION CAPSTONE

- Architected and built a scalable backend using Node.js and Express with RESTful API design
- Implemented secure database architecture for managing sensitive healthcare records
- Created API endpoints for OCR extraction from medical documents
- Developed automated testing suite for backend services to ensure reliability

JavaScript Lead | [Animal Trivia - Interactive Quiz Game](#)

JAN 2025, BRAINSTATION HACKATHON

- Led backend API integration and core game logic development in a team of 3
- Implemented stateless backend architecture to maintain game state across sessions

Frontend Developer | [Event Management App](#)

JAN 2025, BRAINSTATION HACKATHON

- Developed responsive frontend interface using React, SCSS, and Axios
- Collaborated with backend developer to design and integrate with REST APIs
- Implemented error handling and performance optimization for API interactions

EDUCATION

BrainStation | Diploma, Software Engineering

NOV 2024 - FEB 2025, REMOTE

Aveiro University | Bachelors in Media and Communication Technologies

2010 - 2014, AVEIRO, PORTUGAL

EXPERIENCE

Web Content Manager | Precision Nutrition

JUL 2020 - NOV 2024, REMOTE

- Engineered and implemented architecture improvements resulting in 25% faster page load time
- Collaborated with development teams to execute business critical digital initiatives
- Analyzed and optimized database queries to improve website performance for 100,000+ monthly visitors
- Utilized data-driven approaches for optimizing user journeys and conversion paths

EF Educational Tours | Web Marketing Coordinator

JUL 2019 - JUN 2020, TORONTO, ON

- Built comprehensive web analytics dashboards using SQL and Google Analytics
- Collaborated with engineering teams to implement technical SEO improvements
- Led cross-functional projects to enhance digital user experience

BOXPT Equipment | e-Commerce Manager

JAN 2018 - JUN 2019, PORTO, PORTUGAL

- Managed 500+ product SKUs while implementing site optimization strategies