

# Marius-Catalin Bobitiu

+44 7367450503 | marius@mariusbobitiu.dev | in/marius-bobitiu | mariusbobitiu.dev | github: /MariusBobitiu

## Profile

---

Full-stack developer with experience building customer-facing platforms, internal tools, APIs, and cloud-backed applications across both commercial and personal projects. Strong focus on performance, usability, maintainable system design, and end-to-end product delivery. Works primarily with React, Next.js, TypeScript, Go, PostgreSQL, and MongoDB, with hands-on experience across frontend, backend, infrastructure, and system integration.

## Technical Skills

---

**Languages & Frameworks:** TypeScript, JavaScript, Go, React, Next.js, Node.js, Express.js, SQL

**Databases & Backend:** PostgreSQL, MongoDB, REST APIs, session-based authentication

**Cloud & Infrastructure:** AWS ECS, load balancing, auto scaling, VPC networking, MongoDB Atlas

**Tools & Libraries:** Tailwind CSS, Zustand, Zod, Git, GitHub, Postman, AWS, Docker,

**Other:** Full-stack development, API integration, Cloud Architecture, UI/UX collaboration, CI/CD

## Experience

---

### Meter Macs Ltd

Basildon, Essex

#### • Software Solutions Specialist

Nov 2024 – Present

- Built the Meter MACS Portal, a modern customer-facing platform designed to replace slower legacy workflows with a faster and more maintainable system.
- Designed and developed an internal integration layer and supporting APIs to connect modern applications with existing infrastructure and operational workflows.
- Architected and deployed the cloud infrastructure for the platform using AWS ECS, load balancing, auto scaling, MongoDB Atlas, and secure VPC networking.
- Owned development across frontend, backend, infrastructure, and delivery, with a strong focus on performance, usability, maintainability, and secure system design.
- Currently working collaboratively on the next generation of internal and operational software, including a new platform, C# API and core system, and an administrative platform connected to a mobile application.

#### • Level 2 Technical Support Specialist

Dec 2023 – Apr 2025

- Supported software quality, release readiness, troubleshooting, and validation across customer-facing and operational systems.
- Investigated major bugs, validated hardware and software compatibility, and reduced delivery risk on key client projects.
- Played a key role in testing and support work tied to a major client upgrade, contributing to successful rollout and stronger client confidence.
- Trained new team members on internal systems, support processes, and troubleshooting workflows.

#### • Level 1 Technical Support Specialist

Jun 2023 – Dec 2023

- Delivered frontline technical support across software and hardware environments, quickly building strong product and system knowledge.
- Configured and deployed hardware setups for client environments, helping improve onboarding efficiency and operational readiness.
- Supported troubleshooting and issue resolution across day-to-day customer and internal requests.

## Projects

---

### Meter MACS Portal

Next.js, TypeScript, Node.js, MongoDB, AWS

- Built a modern customer-facing platform to replace slower legacy workflows, focused on performance, usability, and long-term maintainability.
- Designed and developed the supporting integration and API layer to connect modern applications with existing systems and operational workflows.
- Architected and deployed the cloud infrastructure using AWS ECS, load balancing, auto scaling, MongoDB Atlas, and secure private networking.
- Supports over 10,000 users across real-world customer environments.

## Vixe – Fitness Tracker App

*React Native, Expo, TypeScript, Go*

- Designed and built a fitness tracking app focused on workout logging, strength progression, and a clean mobile experience.
- Worked across app architecture, backend integration, authentication, and product design.

## DefibMap – Public AED Finder

*TypeScript, React, Supabase*

- Built and launched a public AED finder platform to help users locate nearby defibrillators more quickly in emergencies.
- Took the project from an initial university concept into a real public product, covering app and web development, data handling, and deployment.

## Education

---

### University of Wales Trinity Saint David, London Campus

Oct 2025 – Ongoing

BSc Applied Computing

## Certifications

---

AWS Certified Solutions Architect – Associate

Jan 2024

AWS Certified Cloud Practitioner

Nov 2023

CompTIA Security+

Oct 2023