Technical Lead – Platform & Backend

Company: dAIs Genie (Product: miiGenie app)
Location: Southampton, UK (Hybrid) or Vietnam (Remote)
Type: Full-time or Part-time (minimum 25 hours/week)
Website: www.miigenie.com

About Us

dAIs Genie is an early-stage UK startup building miiGenie, an AI-powered digital assistant that helps older adults live more independently, safely, and confidently at home while reducing stress for family carers.

We have built our MVP and are now testing it with an early user group, so this role in the Founding team is for someone who can help us strengthen the platform, improve reliability, and scale the product as we learn from real users.

Your Mission

As the **Founding Tech Lead**, you will architect, build, and operate the core technical stack powering the miiGenie platform. You will work across the backend, AI integrations, infrastructure, and product delivery to make sure the system is stable, scalable, secure, and ready for growth.

We value clarity, speed, and practical execution:

> ***"build something people want, learn fast, and keep improving".***

What You'll Do

❖ Own the backend and platform

- Develop backend APIs with new features and improvements to existing ones
- Improve the backend architecture for scalability, security, maintainability, and performance.
- Manage infrastructure (GCP, Docker, CI/CD, multi-environment)
- Use DevOps experience to design, improve, and maintain the production deployment pipeline.
- Work with cloud infrastructure on GCP (deployment, monitoring, and reliability).
- Support secure storage, data handling, and privacy engineering practices.

❖ Deliver AI-powered product features

- Integrate and improve AI-driven features across the platform.
- Support conversational AI, agent workflows, and orchestration tools such as n8n and MCP where useful.
- Help evaluate model quality, reliability, and user experience in real-world use.
- Work with the team to improve companion capabilities, automation, and smart task handling.

❖ Lead and mentor engineering

- Support the growth of a small engineering team & set clear technical standards.
- Review code, guide implementation choices, and strengthen engineering quality.
- Encourage ownership, fast iteration, and a test-and-learn culture.
- Collaborate closely with the founders and other team members to align product and technical priorities.

About You

- 5+ years of Python backend experience (async/await, FastAPI, or equivalent)
- Experience building cloud-based applications on GCP or AWS.
- Familiarity with DevOps, deployment automation, and production reliability.
- Confident working with APIs, services, databases, CI/CD, and secure systems.
- Able to communicate clearly in English and work well in a distributed team.
- Practical, proactive, and comfortable in an early-stage startup environment.

❖ Nice to Have

- Experience with AI products, chatbots, voice apps, or conversational systems.
- Familiarity with Terraform or infrastructure-as-code.
- Knowledge of PostgreSQL, Redis, Docker, and containerised deployments.
- Exposure to Flutter, React, or other frontend technologies.
- Experience in HealthTech, data security, GDPR, or consumer products.

Why Join Us

- Build something that matters for seniors and family carers.
- Take real ownership with company stock options
- Compensation is negotiable based on experience and ability
- Work closely with a small, committed, international team.
- Help shape the foundation of a mission-driven startup at an exciting stage.
- Join a team that is moving from MVP testing into the next phase of growth.

How to Apply

Please send your CV or LinkedIn profile to recruitment@miigenie.com.