

— WE'RE HIRING

Orchestrator Senior AI Engineer

Ashby-de-la-Zouch, Leicestershire · Office-based, some remote · From £60,000

ABOUT VITA

We build high-quality technology products **quickly**.

Vita Technologies helps growing organisations build high-quality technology products quickly, much of it in healthcare, life sciences and other regulated industries. We're out to disrupt the stagnant outsourced software delivery and consulting industry, and with all the tools and capabilities now available to us, it's a really exciting time to do it.

THE ROLE

Building the right things **in the right way**.

You'll be our first senior hire and the most senior technical person in the business alongside me for some time. You'll build software with AI agents and other tools, but the real job is making sure we build the right things in the right way: good code and good quality features that solve the client's real problem. You'll lead technical delivery with our clients, represent Vita in the room, and turn what we learn on each engagement into the way we work.

AI agents can write a lot of code quickly, but they don't know when it's wrong. This role depends on a deep grounding in software engineering and architecture, built up by designing and shipping real systems yourself. You'll be the person who spots the subtle problem in a plausible looking pull request, and who knows what good looks like before the agents start.

WHAT YOU'LL DO

From the client's problem **to a release that works**.

Lead delivery with clients

- Work alongside client teams, on site where it helps, as Vita's senior technical presence.
- Lead the technical delivery of our more complex projects, from architecture through to release, and take part in our Rapid Prototyping sprints.
- Lead the rollout of AI tools, skills and automations at client sites, so adoption sticks after we leave.
- Build lasting client relationships, explain trade-offs clearly to people who aren't technical, and spot where we can help next.

Direct and orchestrate the build

- Turn client problems into architecture, specifications and plans that agents and people can work from without guessing.
- Design for simplicity and value, cutting a client's wish list down to what actually matters. AI development can go a bit crazy, and it's easy to build a load of nonsense.
- Run multiple AI agents in parallel using Claude Code, Codex and similar tools, and set up the tests, tooling and feedback loops that let them work with minimal supervision.

Own quality

- Review what the agents produce as a senior engineer would review a colleague's work: is it correct, maintainable and secure, and does it fit the architecture?
- Own the team's testing process, including independent testing and user acceptance testing with clients, until we grow enough to bring in specialist QA.
- Build automated code review, testing and security scanning, and make sure regulated work carries its documentation and traceability as it goes.

Build the practice

- Turn what works into reusable components, templates, playbooks and agent tooling, so every project starts further ahead than the last.
- Support and develop junior engineers, including our Builder.
- Revisit how we work with each new model generation, and help shape how we build and who we hire.

WHO WE'RE LOOKING FOR

Driven, and **ready to build something**.

Someone really driven, who feels there's more to their potential than they've achieved so far, and wants to be there at the beginning, shape how we work and help grow the team. The role is intended to grow into a more senior one, with more technical or more managerial responsibility, depending on where your strengths take you.

What we care about

- Ownership and hard work: you own the work, even when it's hard, and keep pushing your own and the team's development.
- Ingenuity: clever, practical ways through problems.
- Positive disruption: challenging how software has always been delivered, to make it better.
- Thoughtfulness: thinking before we build, and looking after each other and our clients.
- Candour: honesty with clients and each other, especially when something has gone wrong.

This is a small, fast-moving business, not a large organisation with defined structures and a clear lane to stay in. The work is intense: there will be times when a client deadline or a hard problem needs you to go well beyond the job description. If you're looking for a steady, predictable role with the structure of a big organisation, this probably isn't the right move for you, and that's fine.

WHAT YOU'LL BRING

Strong fundamentals, made faster by AI.

This is a senior engineering role. You'll typically have around seven years' professional software engineering experience, including time at senior level, and you'll have built your foundations writing, debugging and reviewing code yourself. AI agents make strong engineers faster, but they don't replace the fundamentals, and the fundamentals are what we'll test for. A degree in computer science or a related subject is welcome but not essential.

Essential

- A track record of designing, building and shipping production systems end to end, then supporting and improving them in live use.
- Deep software engineering and architecture: design patterns, system design, data modelling, APIs and integration, performance and scalability.
- Fluency in TypeScript or Python, SQL and relational databases such as PostgreSQL, and a modern front end such as React.
- Cloud and delivery: at least one of AWS, Azure or GCP, plus containers, infrastructure as code and CI/CD pipelines.
- Testing and security: test strategy across unit, integration and end-to-end testing, and secure development practice, including authentication, authorisation and handling sensitive data.
- Substantial experience reviewing other people's code and holding a high bar on quality.
- Everyday use of AI coding agents such as Claude Code, Codex or Cursor on real projects.
- Confidence working directly with clients and non-technical stakeholders.

Nice to have

- Software delivery in regulated settings, ideally healthcare, life sciences or MedTech.
- Consultancy or agency work across several clients at once.
- Building LLM-powered applications, MCP servers or agents.
- Running production systems, including monitoring, incident handling and on-call.
- Mentoring or leading a small team.

WORKING WITH US

Ashby-based, always learning.

SALARY

From £60,000, depending on experience, plus additional financial incentives.

LOCATION

Primarily office-based in Ashby-de-la-Zouch, at least three days a week, with some flexibility to work remotely and time on client sites.

LEARNING AND DEVELOPMENT

Learning is at the core of the whole company. I'm taking certifications myself, and we pay for your courses, exams and certifications, including the Claude certifications.

TO APPLY

Send us three things at contact@vitatechnologies.co.uk: a link to something you've built (a live product, a Git repo or a short demo video), a short cover letter telling us in your own words why you're suited to this role and the environment we've described, and your CV. If your best work is private, describe it and we'll talk it through. What you've built and your cover letter matter most, so applications without them won't be considered.