



Forward thinking
Straight talking

Senior Solution Engineer

JOB SPECIFICATION

Gateley /

POSITION:	Senior Solution Engineer
LOCATION:	Birmingham
CONTRACT TYPE:	Permanent

The *role*

We are seeking an experienced AI Developer to design, build, and deploy AI-powered applications using modern Python-based frameworks and leading Large Language Model (LLM) APIs. You will play a key role in developing scalable, secure, and production-ready AI services hosted in Azure's public cloud.

This role is hands-on and suited to someone who enjoys working across the full development lifecycle—from API design and data access through to AI integration and cloud deployment.

Key Responsibilities:

- Design, develop, and maintain AI-driven applications and services using **Python**.
- Build and maintain RESTful APIs using **FastAPI**.
- Integrate and manage Large Language Models via:
 - **OpenAI API**.
 - **Claude (Anthropic) API**.
- Implement robust data access layers using **SQLAlchemy**.
- Optimise performance and scalability using **Redis** for caching, session management, or task coordination.
- Develop analytical dashboards and lightweight user interfaces using **Dash**.
- Deploy, configure, and maintain applications in **Azure App Services (Public Cloud)**.
- Ensure solutions meet security, performance, and reliability standards.
- Collaborate with product owners, data engineers, and stakeholders to translate business needs into AI solutions.
- Write clean, maintainable, well-documented code and contribute to technical best practices.
- Monitor, troubleshoot, and improve live AI systems.

The *team*

Gateley Plc has a dynamic and collaborative IT department. We have grown our team to over 60 staff members in total across IT Service, Infrastructure, Architecture, Security, Change Management, Development, Innovation and Client Solutions.

Our Solution Engineering team plays a pivotal role in designing and delivering cutting-edge solutions that enable our business to work smarter and faster. This team works closely with stakeholders to translate complex requirements into practical, scalable technology solutions that support our growth and enhance client experience. From integrating emerging technologies to optimising existing systems, Solution Engineering ensures we stay ahead of the curve.

The *person*

Candidates will be able to demonstrate the following attributes:

Essential Skills & Experience:

- Strong commercial experience with **Python**.
- Proven experience building APIs with **FastAPI**.
- Hands-on experience integrating LLMs using:
 - **OpenAI API**.
 - **Claude API** (or demonstrable experience with alternative LLM providers).
- Experience working with relational databases using **SQLAlchemy**.
- Practical experience using **Redis**.
- Experience building dashboards or internal tools using **Dash**.
- Experience deploying and running applications on **Azure App Services**.
- Solid understanding of REST APIs, authentication, and secure application design.
- Familiarity with cloud-native development and production environments.

Desirable / Nice-to-Have Skills

- Experience with prompt engineering and LLM optimisation techniques
- Understanding of AI safety, data privacy, and governance considerations
- Experience with background workers, queues, or async processing
- CI/CD pipelines and Infrastructure-as-Code (e.g. GitHub Actions, Bicep, Terraform)
- Experience with monitoring, logging, and observability in Azure
- Exposure to other AI/ML frameworks or vector databases
- Experience in use of Docker containers
- Team leadership and mentoring
- Agile Software development

The *benefits*

With support, coaching and feedback from some of the most engaging colleagues around our great development and progression opportunities will reward your commitment and loyalty. We offer a competitive remuneration package where you'll be rewarded for your individual performance with an opportunity to receive an annual bonus.

In addition, we have a wide range of learning and development opportunities via our Learn platform to develop new skills and progress your career. Our My Flex comprehensive rewards package includes options covering annual leave (and the benefit of purchasing extra days), cycle to work, critical illness benefit, employee assistance programme, group personal pension, health care, season ticket loan and many more benefits (grade dependent).

Finally, with Perks At Work/Home you can select a host of retail benefits that suit your needs alongside a Community Online Academy, free courses for all from fitness to coding to languages to hip hop dance.

We are *Gateley*

We are forward thinking and straight talking, our approach is to find solutions to the problems that our clients face. Gateley is a legal and professional services group, we are a group of formidable experts in all areas of law and business. Passionate problem solvers, we get our kicks from finding the right answers and getting our legal and business clients where they need to be. We support more than 5,700 active clients, ranging from FTSE 100 companies to private individuals, in the UK and beyond. Being part of Gateley is not just about the expertise that you bring; it's about attitude too.

The 'Gateley Story' is the story of our people and our culture. It is what has got us to where we are today as a successful business and it's the driving force behind the Gateley Team Spirit and the values that have shaped it. We have a set of shared internal values that capture what the Gateley Team Spirit is and this includes five elements that bind us all together as one Gateley: Ambitious for Success, Forward Thinking, Room to Breathe, Trusted to Do and Working Together. Every year across the group, we recognise members of our team that have gone and above and beyond and have lived these shared values. They are recognised at our annual Gateley Team Spirit awards.

Diversity, inclusion and well being

Diversity, inclusion and well being is an important part of Gateley's culture and values. We recruit talented people from a diverse range of backgrounds and cultures, providing equal opportunities for all to join our team regardless of age, sex, race, sexual orientation, disability, or culture.

We create an exciting and rewarding place to work that aims to fulfil everyone's potential and together to achieve personal and business goals. We offer flexible working patterns to help our staff achieve a good work/life balance and we encourage candidates seeking flexibility in their next role to apply for any of our vacancies.

We are proud to have been recognised by The Law Society as gold standard for our Diversity and Inclusion Charter and to be Stonewall Diversity Champions.

Additional Information

If you are successful in receiving an offer of a role with our company a variety of pre-employment screening checks will be completed. Our screening checks can include but are not limited to your eligibility to work, professional and academic qualifications, any criminal records, your financial stability and references from previous employers. The screening that takes place will be relevant to your role and will vary from role to role.



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