



Careers with GWTInsight

An exciting place to work

Junior Back End Developer
Job reference GWTI-JS023

The
commercial building
data company



GWTINSIGHT



Intelligent products from real time data.

GWTInsight is a commercial building data company. Our patented technology captures real time data other systems don't access.

Working with clients, GWTInsight combines technology and knowledge to unlock unseen data to create insights and intelligent disruptive products not previously possible. This enables unique potential for competitive advantage, allowing users to mitigate risk, reduce cost and carbon and actively address ESG commitments across asset portfolios.

We are an agile company retaining the drive and spirit of a start-up, we are focused on client needs and adapt our technology to ensure that we deliver value in every project that we take on. We value open and collaborative relationships within our organisation and with our clients.

A passion for valued and sustainable outcomes and challenging the ordinary underpins an innovative and responsive culture. We strive to be the best we can be, individually and collectively.

We believe that our work can improve the financial, environmental and social contribution of commercial buildings to societies wellbeing.

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Overview of the role.

We are expanding our technology development team.

This is an entry/junior position for a career in software development.

As part of higher education or as a hobbyist you will have several years of current experience in developing software, this must include the development of server applications in Java, JavaScript or TypeScript and experience using and deploying server software on Linux.

You will be responsible for implementing and improving cloud-based services and IoT applications.

You will work in a team of front and back-end developers and will have the opportunity to acquire new skills and disciplines in server/service development, integration and IoT.

You will need the discipline to be able to work effectively from your own base, team working with co-workers using our virtual collaborative environment.

You will also need to attend regular team days in central London or the South-East and have the flexibility to attend occasional customer meetings.

Our software engineers develop using leading technologies. Both Java and TypeScript are predominantly used end-to-end in our software stack from device level software through to cloud processing and UI.

Role responsibilities will include:

- Working with and supporting co-workers in the development of an efficient and joined up product
- Writing readable, reusable, testable, and efficient code
- Engaging with co-workers in test driven development
- Design and implementation of low-latency, high-availability, and performant components
- Implementation of security and data protection

Capabilities and expectations required for the role:

- Strong proficiency with Java, JavaScript or TypeScript
- Professional, precise communication skills
- Deep knowledge of Node.js practices and commonly used modules based on extensive work experience
- Understanding fundamental design principles behind a scalable application
- Creating self-contained, reusable, and testable modules and components
- Writing non-blocking code, and resorting to advanced techniques such as multi-threading, when needed
- Understanding of accessibility and security compliance
- Service authentication and authorization between multiple systems and environments
- Integration of multiple data sources and databases into one system
- Implementation of RESTful Web Services

- Proficient understanding of code versioning tools, such as Git
- Experience of developing in Linux environments and taking advantage of Linux command line tooling
- Experience in deploying to headless and serverless systems.
- Architecting and automating the build process for production, using task runners or scripts
- Documenting the code inline
- Creating e2e test suites for all components

How to apply for this role.

To apply, please submit your up-to-date CV with a covering letter to info@gwtinsight.com



Be part of an innovative and
fast growing company.

Read more about our unique
technology and our story at
gwtinsight.com

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