WORKDRY INTERNATIONAL

![WORKDRY INTERNATIONAL logo]

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POSITION DESCRIPTION: Fullstack Developer

LOCATION: Head Office, Chandlers Ford – eligible for hybrid working

POSITION PURPOSE: The role of Fullstack Developer will design, build, and maintain robust, scalable, and secure greenfield software solutions across both frontend and backend systems. This role requires deep technical expertise in modern web development frameworks, APIs, and cloud-based platforms. The Fullstack Developer will play a key role in shaping the customer-facing portal, backend APIs, and integration with IoT infrastructure, ensuring high performance, usability, and reliability. These critical projects will lay the foundations for use of LLM integration and Machine Learning algorithms to truly benefit from our data.

This role will act as a significant contributor within the small, agile software engineering team, supporting junior developers, driving technical standards, and ensuring alignment of technology with business objectives.

RESPONSIBLE TO: Software Engineering Manager

REGULAR CONTACTS: **External**   Customers and Suppliers
End Users
Vendors and Service Providers
Regulatory or Compliance Bodies

Internal   IT Department
Project Managers
Quality Team
Operations Team, including:
Selwood
Siltbuster
Vander Kamp Pompen
Holland Pump
Workdry Group
Other Departmental Stakeholders (e.g., Marketing, Finance)

MAIN RESPONSIBILITIES:

- Design, develop and deploy scalable web applications, covering both frontend (ReactJS) and backend (.NET, Azure Functions, APIs) technologies.
- Implement customer portal features, including dashboards, mapping, role-based access control, and integrations with IoT telemetry.
- Develop and maintain APIs (REST / GraphQL), ensuring clean contracts for internal systems, third-party services, and IoT devices.

- Troubleshoot problems with Azure services within the Team (App Services, Storage, IoT Hub, Event Hub, Data Explorer, etc.).
- Exercise DevOps practices, including use of CI/CD pipelines, monitoring, observability, and automated deployments.
- Support IoT device integration, ensuring telemetry is securely ingested, stored, and visualised.
- Write clean, testable, and maintainable code with a focus on performance and security best practices.
- Provide technical guidance to junior developers and assist with code reviews.
- Contribute to technical decision-making, architectural discussions, and technology roadmaps.
- Collaborate with stakeholders across business functions to align software solutions with operational and customer needs.
- Maintain documentation (ADRs, diagrams, wikis) and contribute to continuous improvement of engineering practices.

The main responsibilities are outlined above. This is not a definitive list, and other tasks/activities may be necessary as the company's commercial activities require.

QUALIFICATIONS & EXPERIENCE:

Essential:
- Proven experience in fullstack development, with expertise in both backend (.NET, C#) and frontend (ReactJS) technologies.
- Knowledge of cloud platforms (Azure preferred).
- Experience designing and consuming APIs (REST/GraphQL).
- Experience with ADX or alternative databases (SQL, NoSQL, etc) and data modelling.
- Demonstrable experience with DevOps pipelines, CI/CD, and automated testing.
- Strong understanding of secure coding practices, authentication (OAuth2, Entra ID/B2C), and role-based access control.
- Excellent problem-solving skills and ability to operate independently.
- Strong communication and collaboration skills with technical and non-technical stakeholders.

Desirable:
- Degree in Computer Science, Information Technology, or equivalent practical experience.
- Prior experience mentoring or guiding colleagues.
- Experience with React Native technologies
- Knowledge of Infrastructure as Code (Terraform).
- Knowledge of IoT concepts (MQTT, Modbus TCP/IP, Azure IoT Hub/DPS) is highly beneficial.