**WORKDRY INTERNATIONAL**

**POSITION DESCRIPTION: Fullstack Developer**

**LOCATION:** Head Office, Chandlers Ford

**POSITION PURPOSE:** The role of Fullstack Developer will design, build, and maintain robust, scalable, and secure 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.

This role will act as a significant contributor within the 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:**

* Lead the design, development, and deployment of scalable web applications, covering both frontend (ReactJS, React Native) and backend (.NET, Azure Functions, APIs).
* Architect and implement customer portal features, including dashboards, mapping, role-based access control, and integrations with IoT telemetry.
* Develop and maintain RESTful and GraphQL APIs, ensuring clean contracts for internal systems, third-party services, and IoT devices.
* Manage cloud infrastructure using Infrastructure as Code (Terraform) and Azure services (App Services, Storage, IoT Hub, Event Hub, Data Explorer, etc.).
* Drive adoption of DevOps practices, including 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.
* Mentor junior developers, performing code reviews and providing technical guidance.
* 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.
* Strong knowledge of cloud platforms (Azure preferred).
* Experience designing and consuming REST/GraphQL APIs.
* 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.