



## Node-RED Industrial Integration Specialist (m/w/d)

**Reference:** NdR-1305

**Location:** Remote

**Start:** By agreement

**Workload:** 60%–100%

**Engagement:** Service contract / Associated Partner

### About us

RALUS brings together specialists from different disciplines to provide tailored consulting services to clients across the DACH region.

Our work spans IoT, industrial digitalization, project management, technology coaching, CTO support, AI/ML/DL, computer vision, and industrial automation.

For an ambitious manufacturing-digitalization programme, we are looking for an experienced Node-RED specialist to establish and expand an industrial integration layer across multiple factory sites.

### The Assignment

The project starts with a six-month pilot. The intended next step is a roughly three-year migration from Crosser to Node-RED, including the integration of several factories.

You will build integrations between industrial equipment, manufacturing systems, databases, cloud services, and MES solutions. The role offers substantial ownership: you will help create a core capability that will become a key technical pillar of the programme.

### Your Responsibilities

- Develop, test, document, and maintain Node-RED flows for industrial and enterprise integration
- Integrate machines, devices, and systems using OPC UA, MQTT, HTTP/REST, and related interfaces
- Connect local Microsoft SQL Server databases, Azure cloud services, and MES environments
- Implement reliable handling for data transformation, errors, logging, monitoring, and recovery
- Support the migration of existing Crosser integrations and flows to Node-RED
- Define practical technical standards and reusable integration patterns
- Communicate technical decisions, risks, dependencies, and progress to relevant stakeholders

### Your Profile

A degree in engineering or computer science is **not** required: We value demonstrable hands-on experience, sound technical judgment, and the ability to deliver reliable solutions!

- Proven intermediate-to-expert practical experience with Node-RED
- Experience integrating industrial or business systems via OPC UA, MQTT, and HTTP/REST APIs
- Experience working with databases; Microsoft SQL Server is particularly relevant
- Working knowledge of Azure-based services or cloud data integration
- Comfortable working independently in a remote environment with limited technical support
- Professional written and spoken English (+B2)

### Nice-to-Have Skills

- German language skills
- Azure DevOps or Jira experience
- Crosser experience
- Python and/or C# programming skills
- Linux (Server management)
- SCADA, PLC, industrial automation, machine-data collection, or IIoT experience

### What We Offer

- A stable remote engagement at 60%–100%
- A six-month pilot with the prospect of a multi-year follow-on programme
- High autonomy and direct responsibility for technically meaningful work
- Visibility with customer stakeholders and tangible influence on the technical direction
- The opportunity to create and shape a long-term industrial integration capability

### Interested?

Please send your CV and LinkedIn profile to [info@ralus.ch](mailto:info@ralus.ch) indicated the above mentioned reference, together with:

- A short description of Node-RED projects or integrations you have delivered
- Examples involving OPC UA, MQTT, APIs, databases, cloud platforms, MES, or industrial connectivity
- Your availability and possible start date
- Your preferred workload between 60% and 100%
- Your hourly or daily rate expectation
- Your level of English and any relevant additional skills