



Job Description & Competencies

Employee Name	
Position Description	Senior IOT Engineer
Operational Area	Engineering

Key Responsibilities

Founded in 2013, Indra Renewable Technologies is a fast-growing electric vehicle and smart energy technology company developing innovative charging and energy storage solutions. Indra operates across two highly innovative and fast-moving industries; electric vehicles ('on vehicle' technology) and smart energy ('off vehicle technology'); developing and manufacturing smart energy products, including an electric vehicle Smart Charger, a Vehicle to Grid (V2G) charger and vehicle battery systems. We see an opportunity for Indra to play a significant role in supporting EV OEMs, energy retailers and electricity grids in the transition to decarbonising transport and homes in the UK and beyond.

Indra wishes to develop its own IOT solutions to support existing products and enable new opportunities. This role is our first hire into IOT and will be pivotal to developing this exciting new business area.

- Lead a sub team to design and introduce IoT technologies and solutions into Indra
- Become the system Architect for IoT solutions, responsible for designing and implementing scalable, fit-for-purpose solutions that meet the business' needs as they grow and evolve
- Act as the main point of contact for all relevant technology questions
- Build a team capable of delivering and maintaining the future IoT solution
- Import an existing App and Platform tools into Indra
- Feature development through full lifecycle
- Assess existing solution and create and own Indra's IoT roadmap

Key Competencies

General Competency Band	2/3
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Role Specific Competencies

Qualifications

- Degree in Computer science – or equivalent training/experience

Essential Skills

- Strong teamwork and leadership skills
- Explain technologies and complex ideas – good communication skills.
- Develop solutions working with the CTO, systems engineering team and software team lead.
- Azure IOT/Eventhub
- Golang
- C#
- Devops



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Desirable Skills

- Experience of adjacent technologies – front end apps and embedded firmware
- Experience of developing multi-national solutions
- Subcontractor management
- Broad experience of IoT technology
- Google Cloud
- Kubernetes
- Use of Git \ GitHub \ GitFlow
- Experience of Terraform, Helm, Kafka or Ansible
- MQTT messaging
- Cosmos
- Node.js
- React