ROLE PROFILE
Data Engineer (central London)

Why do we have this role?
Resonate specialises in providing mission critical systems and data-led solutions, primarily in the transport industry. This role sits right at the heart of our data activities, and you'll bring creativity and an appetite to make things work beyond your primary responsibility.

Joining our Data Insights team, you will be responsible for providing the business and our customers with a range of data-driven solutions, often predictive models, that enable them to make better decisions. You will build and manage the data infrastructure and development environments and implement best practice for the storage and processing of large-scale data sets, enabling the team (and other internal/external consumers of the data) to succeed.

What are the key objectives?
- Own the cloud-based infrastructure (AWS) on behalf of the team and the business, working closely with the rest of the Data Insights team to ensure it is fit for their purposes, resilient and secure
- Build and maintain the end-to-end data pipelines and code repositories used by the Data Insights team, aiming for effective automation
- Work as part of the Data Insights team to design effective ways to store and provision data (e.g. streaming, ETL, schema design/storage patterns, data processing, etc.)
- Be a strong advocate for quality, ensuring that data and common repositories of code are delivered and maintained to a high standard
- Support the team in the development of reusable software components

Top Internal Relationships
1. Data Insights team
2. Architecture/ Development team
3. Our IT teams; to deliver effective administration and cost management of the data pipeline

Person Requirements
Profile
- Good communication skills and an appreciation of the team's objectives
- Recognise the value that data can play in impacting our customers' businesses
- Resilience, flexibility and being comfortable with challenge and change
- Have a growth mindset; the ability to think beyond our current practices and recognise trends and projections, opportunities for growth and improvement
- Proven ability to systematically approach tasks and manage multiple changing priorities and expectations
- Strong technical problem-solving skills

Competencies
- Data preparation and modelling, ETL pipelines
- Experience/appreciation of machine learning technique, platforms and pipelines
- A good understanding of AWS services (e.g. S3, EC2, Batch, Lambda, DynamoDB, Amazon ES, Athena, QuickSight) and environments (CloudFormation)
- A good understanding of security-by-design and privacy-by-design concepts
- Experience in writing software in one or more languages, including Python, and familiarity with containerised software development

Our Values and Behaviours

At Resonate it's the 'how' we do things together with the 'what' we do that differentiates us. We want our people to display our values and behaviours in their day-to-day activities. Therefore, we want you to show us that you are:

Rigorous, e.g.
- The customer is at the heart of all we do
- We apply our expert technical knowledge to deliver value for the customer
- We are accountable for our actions

Bold, e.g.
- We are insatiably curious and turn that curiosity into value for the business and our customers
- We challenge conventional thinking and encourage others to question it too
- We take the right risks

Determined, e.g.
- Delivering for our customer drives us
- We are OK with ambiguity and understand what is required to adapt and respond to uncertainty
- We are tenacious and keep going even when things don't proceed as planned

Collaborative, e.g.
- We are great partners for our customers and the industry
- We care about the impact of our actions on others
- We achieve delivery by agreeing and working towards shared goals