



ROLE PROFILE

Developer (Java - Back-end Skills Specialist)

Why do we have this role?

Resonate's vision is to create a truly connected rail network, using our deep technology expertise and rail industry experience to deliver game-changing solutions that meet transport challenges across the UK and beyond. We are a company that is excited by the possibilities offered by technology and are driven by improving experiences for passengers globally.

Having recently secured multi-million-pound contracts, we are establishing a Digital Products Team in a new prestigious office in Milton Keynes. This is one of the initial roles for that team that will form our future development capability and is key to enabling Resonates growth strategy.

1. PRIMARY PURPOSE OF ROLE

We are in the process of developing green field product that will enable our vision of creating passenger centric solutions for the railway.

Our developers will be responsible to produce software designs in line with user requirements, implementing these through various technologies in accordance with user stories and business quality standards.

2. KEY ELEMENTS OF ROLE

- Development of software designs which are consistent with the solution architecture to meet user requirements
- Lead from the front in terms of behaviour and delivering quality code in line with the overall delivery plan
- Working as a key member of the team as a Solution Developer
- Actively participate in time box planning and solution design
- Implement software using the latest versions of Java and JavaScript frameworks, working within the Eclipse and IntelliJ IDEs
- Develop and test solutions to business problems in line with the user requirements
- Work with the solution architect to refine the software architecture and ensure that deliverables are consistent with the full solution
- Work with the project managers and solution architect to estimate user stories, and subsequently deliver as part of the iterative development lifecycle

3. KEY PROJECT RELATIONSHIPS

Reporting to a Development Manager, works as part of the Development Team, closely with other Designer/Developers, Business/Systems Analysts, Software Architects and Testers

4. OTHER ROLE INFORMATION

Educated to degree level, or equivalent with 5-10 years work-related experience in software design and development, with real experience of Java based technologies

Required experience:

- Java 8 and above





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- Spring
- Eclipse and/or IntelliJ
- Unit testing / mocking frameworks, ideally JUnit/Mockito/Karma/Jasmine and/or Protractor

Beneficial experience:

- Linux
- JPA/Hibernate
- Relational/No SQL Databases
- Knowledge of AWS technologies
- Experience implementing containerisation (Docker) and microservices
- Experience implementing and using Continuous Integration and Build Pipelines (Ansible, GULP, NPM, Maven, Bower)
- Experience using GIT Source Control
- Awareness of messaging technologies and principles (RabbitMQ)

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

- 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

- 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

- 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

- 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

