

R&D Product Development - Job Description

Senior Scala Developer

Job Title:	Senior Software Engineer
Department:	Research & Development
Responsible to:	Director of Development
Job Objective:	Design and development of Scala based solutions for Quantel's next generation of products.
Reason for recruitment:	Company growth – strategic technology choice.

Company Information

Quantel is a fast growing media technology company.

One of the most successful global players in Television and New Media Broadcast and Film production markets.

Headquartered in Newbury, Berkshire with 10 international offices around the world. We have 30 years sector experience and over 250 employees.

Quantel specializes in developing software and hardware systems for TV and New Media Broadcast and Film production. Our systems are deployed at blue chip organisations around the world. Literally hundreds of millions of people watch content created on Quantel systems every day.

The company is enjoying rapid growth resulting from a continuous research and development programme producing outstanding products for our markets

Aims of the Job Holder

You will be designing and developing the next generation of Quantel's products.

A proven track record in delivering Scala based solutions is required. Direct experience in either broadcast or post-production is beneficial but not a requirement.

Mentoring and training will be offered in order to encourage rapid personal and technical development.

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Duties and Responsibilities

The position will require you to discuss and agree design and development strategies with senior technical leads within the department.

To perform mentoring duties to junior members of staff as requested from time to time by your manager.

To contribute towards the maintenance and improvement of the Research and Development department processes and standards.

To regularly contribute to associated product documentation.

To comply with relevant standards (coding, testing and quality).

To undertake any projects assigned to you from time to time by your manager.

Keep abreast of technical developments.

Carry out any other duties which the Management considers to be within your capabilities and experience that may be necessary to ensure the efficient operation of the department.

Occasions may arise when assistance is required in other areas of the Company, and employees are requested to undertake other duties according to their capabilities when necessary.

Ensure that you have read, understood and adhere to the Health and Safety procedures (07173) and accomplish the tasks required using any safety equipment provided and in accordance with the Company Health and Safety rules and procedures.

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Person Specification:

The successful candidate will have good communication skills, be flexible and self-motivated, and work well in a team. They will possess a good science degree.

Technical Skills	Essential / Desirable	Level
Scala development	Essential	Expert
Concurrent Programming and Distributed Systems	Essential	Expert
Object-Oriented and Functional Programming Patterns	Essential	Expert
Eclipse IDE	Essential	Competent
Test-Driven Development	Essential	Competent
Knowledge of Continuous Integration practices	Essential	Competent
Akka	Essential	Expert
GIT (or similar SCM system)	Essential	Competent
MySQL (or similar DB) server-side development	Essential	Expert
RESTful Web API design	Essential	Competent
TCP/IP networking	Essential	Competent
Experience on Windows and Linux Platforms	Desirable	Competent
Familiarity with contemporary open source technologies	Desirable	Competent
Specific knowledge of JMS and JMX technologies	Desirable	Competent
C++	Desirable	Competent
Knowledge of contemporary project management techniques (Lean, Agile, Kanban)	Desirable	Competent

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Personal Skills	Essential / Desirable	Level
Experienced in the design and development of large applications and an understanding of the issues involved in the development of real-time systems.	Essential	Expert
Good communicator (written and verbal).	Essential	Competent
Capable of unsupervised independent working.	Essential	Competent
Problem solving skills.	Essential	Expert
Experience of shipping products to customers, and maintaining versions in the field using a revision control system.	Essential	Competent

Relevant Industry Skills	Essential / Desirable	Level
Media Industry i.e. Video & Film	Desirable	Competent
AS-02	Desirable	Competent
AAF	Desirable	Competent
MXF	Desirable	Competent
Common Media container formats (Quicktime, AVI etc)	Desirable	Competent
Common Essence formats (MPEG-1, MPEG-2, MPEG-4, H.264)	Desirable	Competent

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Behavioural Competencies:		
Competency required	Level (1-4) 1 = novice, 4 = expert	Comments
Technical	4	
Team Working	4	
Planning and organising	2	
Effective Communication	4	
Judgement	4	
Client focus	2	
Drive and enthusiasm	4	
Quality	4	
Leading the team	2	

Remuneration and Career Progression

The position comes with a salary of around £45K-£55K, plus Quantel benefits package. The successful candidate will have at least five years of relevant experience.

For the right candidates we offer a varied and interesting career opportunity in a fast moving industry, working in a professional and friendly team.

For further information email jobs@quantel.com