

Job Specification - Software Engineer



Job Title: Software Engineer

Direct report to: Development Manager

Location: Winnersh/London/Home-working: you will be required to come to the office for team meetings when and if required

Package: Salary dependant upon experience and fit (includes stock option plan)

The Artesian:DueDil Company – do better business faster

In September 2021, Artesian and DueDil announced a merger.

“This exciting merger announcement brings together two exciting UK Fintechs both of which play a key role in the broader NatWest Group. Artesian providing client relationship intelligence for our frontline and business development teams and DueDil with their integration with Mettle helping us completely automate business account opening. I am looking forward to seeing what the combination of the two great innovators will bring”

Ian Isaac Managing Director – Lombard

Artesian is known for its strong in frontline engagement capabilities, bringing engagement insights from social and news and a powerful rules-engine to manipulate data to create engagement signals delivered through an appealing web interface.

DueDil is strong in middle and back-office automation, with a powerful data-ingestion, augmentation and enrichment engine that focuses on delivering compliance information via an API.

The **merger** provides a unique **single-platform** to allow Customers in the regulated industries of Financial Services, Banking and Insurance to help these customers solve three key challenges:

- Find the right customers
- On-board them faster
- Keep them for life

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Do better business, faster.

Find the right Customers

Pinpoint the Customers you want based on risk profile and opportunity - use insights to get them talking about the things which are important to them

Onboard faster

Frictionless straight through onboarding with robust compliance and audit

Keep your Customers for life

Real-time insights and continuous in-life monitoring to identify risks and opportunities and assist with customer remediation

The only platform that links customer engagement, acquisition, onboarding and remediation

Our newly merged company will serve over 600 customers including the UK leading banking, financial services and Insurance customers which include:

600+ customers impacting millions of businesses
Banking, Financial Services & Insurance

Banked :			

600+ Clients	15K Relationship professionals served every day	25y Experience in data intelligence	47bn data points processed daily	150m API calls a month

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Artesian : DueDil have strong financial backing from Octopus Ventures, Notion Capital, Augmentum with a seasoned team of Founders who have successfully built and exited multiple start-up's in the past. Our Angel investors include Dr Steve Garnett (ex. EMEA Chairman of SFDC) and Stephen Kelly (ex. CEO of SAGE).

Check us out at <https://www.better-business-faster.com/>

Artesian: DueDil Core Values

We try to hire like-minded people which is why our core values are important because if you join us it is pretty important that you fit right in. Ask yourself, do they describe you?

- **Growth Mindset** – you want to grow and improve (you, your company, your customer)
- **Resourceful** – you find ways to get it done
- **Accountable** – you do what you say
- **One Team** – one boat, one race

Profile of the role

We are looking for an experienced Software Engineer with a passion for building elegant and robust applications.

This is a dynamic role with many opportunities to work creatively. You will see a tangible impact on our product. As an experienced Software Engineer you will have a keen eye for detail, passion for working with huge amounts of data and user-centric approach to feature delivery.

Our Tech Stack:

- Kotlin/Vert.x
- Python
- Data pipelines written using Spark and orchestrated with Airflow
- GraphQL - This is DueDil's unified internal data access layer. This is backed by a number of upstream data stores - Elasticsearch, PostgreSQL, Kafka and on-demand external API's
- Microservices written in various languages including Kotlin/Vert.x, Node, Python and backed by Docker, K8's, GCP
- Service monitoring in StackDriver, Prometheus and Grafana
- Frontend technologies - React, Redux, Webpack

About you – your attributes

Our ideal candidate will have the following:

- Demonstrable experience building scalable JVM-based solutions
- Proven experience with languages such as Java/Scala/Kotlin, Python
- Experience with databases, both relational as well as NoSQL
- Strong experience in writing testable, modular and extensive backend code

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- A solid understanding of system design
- Experience with data processing and distributed computing frameworks such as Spark a big plus
- Experience with frontend development and frameworks, such as NodeJS is a bonus

Devops/ecosystem

- A passion for CI/CD and experience using practical CI/CD pipelines
- Familiarity with Unix systems, common command line tools e.g. grep and source control tools e.g. git
- Familiarity with Docker, Kubernetes and GCP a plus
- Experience building RESTful APIs with OpenAPI/Swagger specifications a plus
- Experience working with GraphQL is a big plus
- Familiarity working within an Agile SCRUM team a plus

How to Apply

If this role sounds like you, please send your CV to people@artesian.co