

JOB OPPORTUNITY

VELA
connect · deliver · enable



SYSTEMS RELIABILITY ENGINEER

Location: Belfast

Overview

Vela is a leading independent provider of trading and market access technology for global multi-asset electronic trading. Our software enables clients to successfully execute on their trading strategies and manage risk across multiple fragmented markets, liquidity pools, and data sources. We help firms successfully differentiate and innovate in an ever-changing, increasingly-regulated and fiercely-competitive landscape, while also reducing total cost of ownership.

Vela's ticker plant, execution gateways, trading platform, and risk and analytics software deliver a unique, ultra-low latency technology stack for electronic low-touch and Direct Market Access (DMA) execution and pricing. We leverage the latest innovations in technology to deliver cutting-edge performance, features, and reliability. Our modular stack is accessed through a single set of trading, data and risk APIs and can be delivered as-a-Service from multiple co-location data centers globally.

With access to more than 200 venues, Vela provides global coverage across all major asset classes. Clients are supported by an award-winning team of technical and business experts available 24x7 from our multiple offices in the US, Europe, and Asia. Vela's clients include traders, market makers, brokers, banks, investment firms, exchanges, and other market participants.

Job Profile

As a Systems Reliability Engineer you will bring the rigorous approach of Software Engineering to the fluid and fast paced world of systems operations. Through a process of standard operating procedures, and automation coupled with a depth technical understanding both in technology and the financial markets, the SRE team deliver continually improving technology to the day to day operations of Vela's service based products.

You will be responsible for not only design and implementing technical solutions but also identifying and quantifying areas of improvements and presenting these for inclusion to the Product Improvement roadmap.

Key Accountabilities

- Engage in and improve the whole lifecycle of platform services—from inception and design, through deployment, operation, measurement and refinement.
- Scale platform services sustainably through mechanisms like automation, and evolve systems by pushing for changes that improve reliability and velocity.
- Practice sustainable incident response and post-mortems



- Gather and understand the business and technical requirements of our prospects and deliver a solution.
- Build and maintain strong professional relationships with the Engineering team ensuring that our integration processes run smoothly.
- Work closely with the Product and Account Management teams on existing and new product development by offering technical guidance, and in order to deliver an optimal overall end-user experience.
- Proactively manage own tasks and projects to agreed deadlines
- Support services before they go live through activities such as system design consulting, developing supporting utilities and systems, capacity planning and launch reviews.
- Maintain services once they are live by measuring and monitoring availability, latency and overall system health.

Knowledge, Skills & Experience Required

Essential:

- Experience in one or more of the following: C, C++, Python, Perl, Ruby or shell scripting
- Experience in the software development life cycle from design through to implementation
- Experience with configuration management / deployment automation tools such as Ansible, Puppet or Chef
- Experience with Linux operating systems internals and administration (e.g. operating system performance tuning, filesystems, inodes, system calls) or networking (e.g., TCP/IP, routing, network topologies and hardware, SDN)
- Excellent communication skills with the ability to convey technical concepts to audiences of various levels
- Excellent written and verbal communication, and strong presentation skills

Desirable:

- Degree (Min 2.1) in Computer Science, Software or Electronic Engineering or other related discipline
- Previous experience working within a data/software vendor, exchange or trading firm
- Industry knowledge and understanding of financial markets and related terminology
- Experience with Continuous Integration and Test Frameworks
- High proficiency with Microsoft PowerPoint, Word and Excel

For more details on our organization, please visit our website: [TradeVela.com](https://www.TradeVela.com)

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Vela Trading Systems is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or protected veteran status and will not be discriminated against on the basis of disability.