

## Job Description

<b>JOB TITLE:</b>	Platform Engineer
<b>REGULATORY CONTROLLED FUNCTIONS:</b>	[]
<b>DEPARTMENT:</b>	Ki
<b>JOB HOLDER:</b>	
<b>REPORTS TO:</b>	Lead Platform Engineer

### **Purpose of the Job:**

Do you think "Innovation" should be more than just a buzzword?

Are you excited about disrupting the most traditional financial service market, one that hasn't changed materially in the last 100 years, bringing it truly into the 21st century?

The 'Innovation Team' is a unique and newly setup function within the Brit Insurance Group, focused on delivering 5-10 year horizon exploratory ideas and new business models. The team will identify and experiment with new opportunities to enhance, enable and create our business of tomorrow. The role will be focused on exploring new products, technologies, customers, geographies and markets. We don't work the way it's always been done; we're proactive rather than reactive.

The team will be primarily focused on the development and refinement of the Ki platform, a newly formed digital, follow-only, algorithmically-driven syndicate. Your role will be to enable a digital and data-first commercial insurance ecosystem, through the integration of broking houses and 3<sup>rd</sup> party data sources to enable the straight through processing of risk in the Lloyd's of London market.

The role will be within the Ki Development team and reports to the Lead Platform Engineer, working closely with the Ki Algo team, to deliver the business' innovation goals and translate business needs and functional designs into architecture components and functioning software.

### **Principal Accountabilities:**

- Build robust and scalable platforms for high-volume web-based applications to run on
- Design, build, test, and maintain platforms, tools and infrastructure that increase the speed, efficiency and stability of Ki's services, and provide feedback to other team members
- Create platform documentation and help establish processes for monitoring, deployment, etc.
- Work with the development and algorithm teams to understand platform requirements and translate them into an effective technical solution
- Assess current system architecture and identify opportunities for growth and improvement
- Ensure that the Ki platform remains cost-efficient at scale
- Manage external development resources, when required
- Coordinate across internal teams to acquire SME knowledge and resources for Ki
- Explore new ideas and emerging technologies, develop prototypes quickly

### **Regulatory Conduct and Rules:**

1. Act with integrity
2. Act with due skill, care and diligence
3. Be open and co-operative with Lloyd's, the FCA, the PRA, and other regulators

- 4. Pay due regard to the interests of customers and treat them fairly
- 5. Observe proper standards of market conduct

**Education, Qualifications, Knowledge, Skills and Experience:**

- Bachelor's Degree or higher in a STEM field
- Experience in the same or related role, especially within a data or machine learning centric organisation.
- Experience with all phases of the software development life cycle and agile methodologies
- Experience with Kubernetes, Docker or other containerization technologies
- Experience with infrastructure-as-code technologies such as Terraform
- Experience with a programming language preferable (Bash, Go, Python)
- Direct experience with at least one cloud provider required – GCP/Azure a plus
- A cloud agnostic approach is a plus
- Experience with CI/CD tools such as GitHub Actions, Flux & Azure Pipelines
- Experience with event monitoring systems such as Prometheus
- Knowledge of modern data infrastructure
- Experience of security practices in a cloud-based environment
- Experience of creating infrastructure that supports the deployment, serving and monitoring of machine learning models (MLOps) would be a plus

**The applicant must also demonstrate the following skills and abilities:**

- Excellent communication skills (both oral and written)
- Proactive, self-motivated and able to use own initiative
- Exceptional interpersonal skills, including teamwork, facilitation, negotiation and planning
- Excellent technical skills
- Ability to quickly comprehend the functions and capabilities of new technologies

As a term of your employment you may be required to undertake such other duties as may reasonably be required of you in the post and department mentioned above.

**Signed by the Employee:** .....

Employee Name: ..... Date: .....