Job Description

JOB TITLE:	Full-Stack Software Engineer
DEPARTMENT:	Ki
REPORTS TO:	Head of Engineering

Purpose of the Job:

Ki is the largest InsurTech you've never heard of – we're building technology to revolutionise how the world's biggest projects are insured.

Need to insure your satellite launch? Looking for cover for your multi-nation fast food chain? Preparing to stage an iconic music festival in a field? There isn't a price comparison website for that. Lloyd's of London is the global market place for bespoke insurance, where Ki is the leading digital underwriter.

How insurance is underwritten here hasn't changed in 300 years – until now. We're building technology to revolutionise how these unique risks are covered.

We've raised $500m of private equity funding which made us the largest start-up seed fundraise in the UK in 2020 and we are currently on track to become the largest InsurTech globally by the end of 2021.

What you will be working on
Our broker platform is the core technology crucial to Ki's success – allowing us to evolve underwriting intelligently and unlock massive scale.

We're a multi-disciplined team, bringing together expertise in software and data engineering, full stack development, platform operations, algorithm research, and data science. Our squads focus on delivering high-impact features – we favour a highly iterative, analytical approach.

We're looking for a Full-stack Engineer to join our Development team.

Principal Accountabilities:

- Build robust and scalable software for high-volume web-based applications
- Build eye-catching, functional, efficient, and reusable web and mobile-based sites that drive these web applications
- Design, build, test, document and maintain API's and integrations
- Ensure quality control using industry standard techniques such as automated testing, pairing, and code review
- Work with the Product team to understand end-user requirements and translate them into an effective technical solution
- Document technical design and analysis work
- Assess current system architecture and identify opportunities for growth and improvement
- Build mock-ups or prototypes to explore and troubleshoot new initiatives
- Work with the Product team and UX designers to review designs, implement new features, and ensure user experience is top level
- Explore new ideas and emerging technologies, develop prototypes quickly
- Uphold and contribute to the wider engineering teams principles and ways of working

Regulatory Conduct 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:

- Experience as a mid-senior level engineer working across a modern web stack
- Strong software engineering principles (SOLID, DRY, ER modelling)
- Professional experience with a server-side language, ideally JVM based
- Professional experience building web-based single page applications, using React/Typescript or an equivalent
- Knowledge of front-end development, able to build rich user interfaces following a responsive design
- HTML/CSS experience, including concepts like layout, specificity, cross browser compatibility, and accessibility
- Comfortable working with cloud infrastructure, infrastructure as code, familiar with standard logging and monitoring tools used to investigate issues
- Experience with continuous integration, or ideally, continuous delivery
- Strong familiarity with build tools (e.g. Maven) and version control tools (e.g. Git/Github)
- Experience working in agile teams, following Scrum or Kanban, participating in regular ceremonies including stand-ups, planning, and retrospectives
- Experience using project management and workflow tools (e.g. Jira)
- Previous experience of software development in the financial markets, Fintech or Insurtech is preferable

The incumbent must also demonstrate the following skills and abilities:

- Excellent communication skills (both oral and written)
- Pro-active, self-motivated and able to use own initiative
- Exceptional interpersonal skills, including teamwork, facilitation, negotiation and planning
- Excellent analytical and 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: ……………………………

Signed by the Company……………………………………

Name …………………………………….. Position…………………………

Dated …………………………….