

## Job Description

### Solution Architect

#### Job brief

xKern builds software and services that are at the heart of everyday life. Our products blend in with the lifestyle of people through its easy of use and great user experience. So it's important for us to make efficient, fast, reliable and scalable core architecture for our software.

We are looking for someone with extensive experience with technologies to architect our software solutions, plan and oversee the development our software. You will be responsible for planning software on all platforms and their interplay the most efficient and scalable way possible incorporating the latest and most viable technologies. You will need to have profound knowledge in widely used and new technologies.

#### Responsibilities

- Carefully understand the requirements and the problem at hand.
- Should be able to suggest multiples solutions to a single problem. This is where you prove your excellence and experience with technologies.
- Plan and design the structure of a technology solution in the most efficient and scalable way.
- Asses the solution well, calculate the hardware and software requirements and communicate those.
- Collaborate with Chief Technology Officer and senior developers to plan the development phase and take their input to modify the solution.
- Oversee assigned programs (e.g. conduct code review) and provide guidance to team members.

- Assist with solving technical problems when they arise and plan upgrades when required.
- Ensure the implementation of agreed architecture and infrastructure
- Address technical concerns, ideas and suggestions.
- Monitor systems to ensure they meet both user needs and business goals.

## Requirements

- Proven experience as an architect and/or project manager.
- Patience and tolerance.
- Bachelor's degree in Information Technology or Computer Science.
- In-depth knowledge of enterprise systems, networking modules, and software integration.
- Willingness to invest time on research and trial and error to learn new technologies to be adopted into our software solutions.
- In-depth knowledge of computer hardware, software architectures (service oriented preferred), design patterns, database systems etc.
- Familiarity with widely used programming languages, technologies, frameworks, operating systems, and Office software.
- Experience with designing efficient data structures, models and database management systems.
- Experience with cloud technologies like Amazon web and google cloud computing.
- Advanced project management skills.
- Organizational and leadership skills. You'll need to direct the developers of each platform to build the exact solution that was planned.
- Excellent communication skills.
- A good foresight in how the solution will perform as time progresses and technology evolves.
- Ability to see big-picture designs from basic specifications.
- Ability to analyze the requirements of large systems and break them down into manageable units
- Knowledge and experience on dealing with common issues/pitfalls with large scale software.
- Ability to problem solve complex IT issues.

- Understanding of security risks and vulnerabilities that may affect the solutions and knowledge of how to mitigate them.
- Great experience with unix based system and operating system fundamentals is a plus.
- Experience in shell scripting is a plus.

## **Expected Experience**

9-15 years.

