

Position Description

Job title:	Principal Developer – Partners
Reports to:	Head of Software Engineering
Positions reporting to this role:	0 - 6

Responsibilities:

The day to day Duties and Responsibilities of the Position are as follows:

Leadership

- Own the technical build within the Partner team
- Manage a small team of developers
- Lead the technical development of Class API's and partner integrations
- Mentor and support developers to delivery high quality solutions
- Lead the application architecture and design of new solutions and features
- Collaborate with other senior developers on design, practices, CI and architecture
- Co-lead the development practice forums and continuous improvement process

Software Engineering Activities

- Designs to identify and reduce complexity wherever possible. Takes desired qualities into account from requirements (robustness, performance, re-useability etc.). Documents and explains trade-offs and rationale behind designs.
- Code follows CFS standards and conventions. Code meets required standards of quality, including efficiency, maintainability, reliability, and terseness and fitness for purpose.
- Tests programs during and after construction using automated techniques as appropriate. Balances testing effort according to the risk of changes. Works together with testers to ensure the application is sufficiently tested (and testable).
- Is responsive to production issues when needed.
- Uses development tools effectively. e.g. Visual Studio, Stash, JIRA, Bamboo etc.
- Follows CFS development processes. Suggests improvements where appropriate.
- Keeps the team informed of progress. Escalates issues appropriately when roadblocks are reached.
- Periodically works on escalated support issues as part of business as usual activities

Other Competencies

- Experience in developing and operating large scale, high volume API platforms
- Researches and shares new technologies and ways of doing things
- Acquires knowledge in relevant areas of our business and our customers' businesses.
- Exercises good judgement in all areas. e.g. making design trade-offs, assessing risks, dealing with others
- Passionate, energetic and engaged in technical, business and "soft" aspects of the work. (e.g. pro-active behaviour, participation in team discussions, care and conscientiousness in delivery of work products)
- Good written and verbal communication skills
- Is a role model for change

Key Performance Indicators:

Colleague satisfaction as assessed by your manager, peers and associated project and support staff – note this assessment may be performed either informally by interview or formally via survey subject to the applicable management processes in place at that time. The assessment will include:

- How effectively you execute the above responsibilities (includes pro-activeness, responsiveness and thoroughness)
- How professionally you interact and communicate with your colleagues (and clients if applicable)

Skills and Experience:**Required**

- API development
- API monitoring and management
- Solid understanding of authentication patterns, security, throttling, performance and reliability
- .Net 4.6
- MVC
- Angular
- ASP
- C#
- SQL

Desirable

- Docker
- AWS or Azure
- .Net Core
- Message queues (SQS, ActiveMQ)
- PostgreSQL
- Micro services architecture