Job Description

# General

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| Job title : | Analyst Programmer |
| Business : | ABN AMRO Clearing Sydney |
| Metier : | Information Technology |
| Department : | Information Technology |
| Job family : | Programmer |
| Date : | December 2019 |
| Job id : |  |

# Objective of the job

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| Design, develop, maintain, document and support software systems including interactive web applications and non-interactive programs for system integration and data interchange. |

# Deliverables

Deliverables + Key activities

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|  | Software development to fulfil business requirements – key activities:   * Design and implement software solutions according to company standards, procedures and guidelines. * Test and review software to ensure reliability and accuracy of systems. * Timely delivery of software. |
|  | Requirement analysis – key activities:   * Requirement gathering from users or existing code. * Critical requirement analysis. * Provide prototypes. * Provide estimation on development effort. |
|  | Documentation of developed software/applications – key activities:   * Document software requirements, design and deployment plan. * Provide hand over documents and troubleshooting guides. |
|  | Training – key activities:   * Provide knowledge transfer sessions * Provide demonstrations and presentations to business users |
|  | Support – key activities   * Investigate and resolve reported defects on newly deployed software |

# Required knowledge and experience

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| Required level and content of education :   * Relevant university degree (Computer Science/Engineering). * 5 years of commercial software development experience using structured software development procedures in UNIX and Windows 7 environments. * 5+ years of commercial hands-on experience in Java 8 – Spring modules, Spring Boot, Bootstrap CSS, Maven development, ORM and Validator. * Experience in Web technologies including Angular, Bootstrap, HTML5, JQuery, CSS. * Experience in Linux and Shell Scripting * Solid knowledge of SQL, ideally with DB2 and PostgreSQL. * Experience with GIT, Jira, Bamboo, BitBucket and CVS. * Experience with IntelliJ and/or Eclipse * Experience with Scrum and Waterfall. * Knowledge in Perl 5 is preferred. * Knowledge of CICD tools is preferred. * Experience with Microservices is highly regarded. * Experience with Devops is highly regarded. * Experience with Openshift or Kubernetes is highly regarded. * Experience with Kafka is highly regarded. |
| Business experience required :   * Fluent in English, both written and spoken, and good presentation skills. * Experience in finance industry such as stock broking or wholesale finance is preferred. |

# Major contacts

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| **Internal** | **Frequency** | **Role & subject** | **Result** |
| Business Analysts | At least 5 times per week. | Provide user stories and system integration testing | Refined user stories and completed integration testing. |
| Project Managers / Scrum Masters | At least 5 times per week. | Coordinate projects and facilitate stand up | Coordination with all project stakeholders. |
| Other IT teams | When necessary | Provision of the required infrastructure, platform, network and governance for the project. | Efficient and secure software that comply with global standards. |
| Business Departments | When necessary | Provide requirements and user acceptance testing | Clarified and prioritised user stories. UAT sign off. |
| **External** | **Frequency** | **Role & subject** | **Result** |
| Clients | When necessary | Carry out integration and conformance testing | Client systems pass conformance testing. |
| Vendors | When necessary | Provide system details and support. | Vendor systems running with adequate support. |

Quantitative data

a. Staff

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| --- | --- |
| Number of staff members with direct hierarchical responsibility : | 0 |
| Number of staff members with indirect hierarchical responsibility : | 0 |

b. Budgets

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| --- | --- |
| Controlled budgets : | 0 |
| Comments : | Not Applicable |

c. Results

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| Quantifiable impact on the results : | Not Applicable |
| Of the Business | Not Applicable |
| Of ABN AMRO Clearing | Not Applicable |

# Authority

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| Internal decision making authority / independence : Not Applicable |
| External representative and signature authority : Not Applicable |