

COMPUTER SCIENCE TECHNOLOGY- PROGRAMMING - 420.BP

COMPUTER TOOLS

Zohreh Moeini

Bruna Paes

IT Specialists

2023

Contents

[Introduction 2](#_Toc153874287)

[Deployment Project Manager 3](#_Toc153874288)

[Project Manager 4](#_Toc153874289)

[Project Specialist, integration and systems 5](#_Toc153874290)

[Chart about Salary 6](#_Toc153874291)

[References 8](#_Toc153874292)

# Introduction

In this file will be possible to see tree information about IT specialist and try to compare and understand what is expected about this area.

In the last part of this document will possible to see some charts about the salaries in this area from the beginning until the end. This information was extracted from a search that Randstad did about the jobs in Canada, our charts are looking just for Quebec area.

# Deployment Project Manager

job description

• Acts as the focal point of communication on strategic accounts/projects to ensure proper communication/management of Genetec commitments and customer expectations

• Coordinates the activities and flow of information between Genetec functional teams (i.e. Product Management, R&D, Sales and Sales Engineering) to ensure customer requirements are fully understood and delivered on schedule

• Provides regular status updates on project deliverables to manage customer expectations

• Develops and maintain customer project documentation and acceptance test plans

• Ensures all outstanding business opportunities for strategic accounts/projects are captured and shared internally

skills

• PMP certification (or other project management course/certification) is a plus

• Experience with either software deployments or security systems (CCTV and/or access control) is an asset

• Knowledge of networking principles and the IP protocol is an asset

knowledge

• Bachelor’s degree in Engineering, Computer Science, Business Administration or equivalent field

• Minimum 5 years of relevant experience in project management (internal and/or customer facing)

• Excellent communication skills (written and verbal) in English & French

• Excellent customer management, organizational and planning skills

• Possesses strong analytical and troubleshooting skills

# Project Manager

job description

As a Project Manager you will plan, monitor and manage internal projects from initiation through completion, with a special focus on process improvement related projects using the Lean Six Sigma methodology You will also lead and/or coordinate project planning, resourcing, staffing, supply and subcontract management, progress reporting, troubleshooting and people management. Furthermore, you will ensure project results meet requirements regarding technical quality, reliability, schedule and cost as well as monitor performance and recommend schedule changes, cost adjustments or resource additions. Responsibilities are within the Project/Program.

skills

• Strong computational science or software development skills

• Proven capability with: Linux, Python;

knowledge

• Bachelor’s degree in Business or any equivalent combination of education and experience.

• Lean Six Sigma certification or combination of education and experience.

• 5 - 7 years of experience coordinating or leading projects.

• Project Management Professional (PMP) certification is an asset.

• Experience in P&C Insurance and Agile Planning Methodology is an asset.

• Bilingualism is an asset (English & French)

# Project Specialist, integration and systems

job description

• Execute activities on simulator following standard tasks backlog.

• Analyze projects requirements and customize simulator configuration.

• Organizes and schedules the integration of all sub-systems.

• Integration, calibration of simulator instruments and systems

• Install software on simulator and perform software/hardware integration on various systems to ensure simulator functionality

• Resolves integration problems and maintains required documentation up to date on customer site

• Identify, document and fix hardware and software integration problems by interacting with support team in Montréal

• Test, calibration of controls and motion systems

• Generate Qualification Test Guide (“QTG”) results for qualification

• Responsible for simulator readiness for verification and validation

• Act as main point of contact for Health & Safety-related matters while on customer site.

• Support activities during customer acceptance and qualification phases

• Perform logistical/administrative duties as required

• Shift work and international travel required (Around 50% to 75% of the year )

skills

* A Quick Learner;  
  Meticulous Attention To Detail  
  Analytical
* Good Coaching And Verbal Communication

knowledge

• University degree or technical diploma in mechanical/electrical/aerospace/software engineering or Computer Science; or equivalent experience

• 1-5 years of related experience

• Knowledge of Windows and Linux operating systems

• Knowledge of Cisco switch programming

• Strong computer troubleshooting skills (hardware and software).

• Knowledge of C and C++ programming languages.

• Familiarity with different aircraft systems (avionics, auxiliary systems, navigation)

• Experience in hardware-software integration.

• Experience in hardware-software troubleshooting.

• Proven ability to take charge of projects independently.

• Excellent communication skills.

• Proactive, adaptable personality and team player.

• Knowledge of Agile development (JIRA), an asset.

# Chart about Salary

If you are starting in the IT area it is possible to analyse what area is paying more in this first moment .

|  |  |
| --- | --- |
| **Québec** | **Initial Salary (salary)** |
| application support analyst | 56 |
| automation tester | 60 |
| C++/ embedded software engineer | 82.9 |
| devops - development | 85 |
| director of development/engineering | 104.8 |
| ERP developer | 83.8 |
| front-end developer | 77.9 |
| full stack developer | 74.4 |
| java developer | 80.8 |
| machine learning developer | 73.4 |
| mobile application developer (iOS/android) | 62.7 |
| quality assurance analyst - automation | 95.9 |
| quality assurance analyst - manual | 60 |
| quality assurance manager | 79.6 |
| SQL database developer | 71.1 |
| UI/UX designer | 78.2 |
| workday consultant | 106.3 |
| application architect | 96.1 |
| architect (solutions/technical) | 115.7 |
| cloud architect | 86.3 |
| enterprise architect | 87 |
| SOA architect | 96.1 |
| BI data architect | 89 |
| big data engineer | 94.9 |
| business intelligence developer | 66.7 |

# References

<https://www.linkedin.com/jobs/view/deployment-project-manager-at-genetec-3785822708/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic&originalSubdomain=ca>

<https://ca.trabajo.org/job-1262-20231217-9bb9e9a1f6fde6a812e6353b33ec8018?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic>

<https://www.linkedin.com/jobs/view/project-specialist-integration-and-systems-specialized-installation-team-at-cae-3706405329/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic&originalSubdomain=ca>

Table From Salaries and Chart:  
  
Page 668- <https://content.randstad.ca/hubfs/23-044%20-%202024%20%20Salary%20Guide/Salary%20Guide%202024_EN_lowres.pdf?utm_campaign=%5BClient%5D%20-%20SG%202024&utm_medium=email&_hsmi=272002069&_hsenc=p2ANqtz-91Y_qSAcJm7-ZYw_0bx6dlXnBbUgS2OHgSKbyPo2Gkbmnhw3NzuuZx6Q5DPU97H28xX6Kuv_s-V0_DOZFWfKOoGxD64g&utm_content=272002069&utm_source=hs_automation>