

Assignment 2: Career Project

XX Mar 2024

Content:

1. Career Project – 50 marks
2. Financial Literacy MCQ – 10 marks

Career Project

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| **Format** |

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| 1. Report | 50 marks |
| 1. MCQ | 10 marks |
| **Total** | 60 marks |

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| **Purpose of the Assignment** |

1. Increase your awareness of companies in the industry and the variety of opportunities that are available;
2. Apply a systematic approach to demonstrate informed career decision making with consideration of factors that are important to you;
3. Create a LinkedIn Account for networking and portfolio building.
4. Increase awareness of using limited financial resources responsibly.

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| 1. **Career Report with creation of the Linkedin Account (50 marks)** |

1. Identify one sector, company and job which you may be interested in working for in the future. Do sector, company and job research using the worksheet in Appendix A. Provide supporting documents; and
2. Create a LinkedIn account to show a summary page of yourself with at least 10 connections made in the capacity of the sector, company or job that you may have an interest in working for in the future.

Your Career Report will include documents from (i) and (ii).

***Please remember to include the link of your linkedIn account in your career report.***

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| 1. **Financial Literacy MCQ (10 marks)** |

With an understanding of the type of salary range you will receive in your first job, complete the financial literacy MCQs to better plan and align your financial and career goals.

**Career Report**

Name: Don Tan

Admin No.: 234695G

Diploma: Information Technology

School: SIT

Expected Graduation Year: 2026

Career Research Report Update: 17-10-2025

**Appendix Ai) – Sector, Company and Job Research Worksheet**

Use this worksheet as a guide for your research. The information gathered can be used to help you prepare your Career Research Project Report. Provide supporting documents e.g. Skills Framework, company website, job advertisement, RIASEC profile (refer to Topics 1.3 3.1 and 3.2).

**Name of Sector: Technology (IT & Software Development)**

**Name of Company Amazon Web Services (AWS) Job Title: DevOps Engineer**

**Emerging trends in the sector**

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Please quote at least one article from any free online news sources (e.g. Straits Times Online, CNA, Today Online, Business Times, The New Paper, etc).

You may also do research on MySkillsFuture.gov.sg or other sectoral websites.

**Company’s Vision, Mission, Values, Culture**

Vision: To be Earth’s most customer-centric company, where customers can find and discover anything they want to buy online.

Mission: To innovate and simplify, delivering high-quality solutions that empower businesses worldwide.

Values: Customer obsession, ownership, inventiveness, operational excellence, and long-term thinking.

Culture: Collaborative, innovative, and fast-paced. AWS emphasizes learning, inclusivity, and a customer-first approach. **Values:** Customer obsession, ownership, inventiveness, operational excellence, and long-term thinking.

 **Culture:** Collaborative, innovative, and fast-paced. AWS emphasizes learning, inclusivity, and a customer-first approach.

**What qualifications and training are required?**

**What skills and attributes are required?**

* **Strong problem-solving and analytical thinking.**
* **Excellent communication and collaboration skills.**
* **Proficiency in scripting languages (e.g., Python, Bash).**
* **Expertise in CI/CD pipelines and automation tools.**
* **Strong understanding of cloud platforms, especially AWS.**
* Bachelor’s degree in Computer Science, IT, or a related field.
* Certifications: AWS Certified DevOps Engineer – Professional, Kubernetes CKA/CKAD.
* Hands-on experience with DevOps tools like Jenkins, Docker, Kubernetes, Terraform, and CloudFormation.
* Knowledge of Linux/Unix systems and networking fundamentals.

 **Things:** Building and managing infrastructure using automation tools.

 **Ideas:** Designing innovative solutions for scalable and secure cloud environments.

 **People:** Collaborating with cross-functional teams (developers, QA, operations).

 **Data:** Analyzing system performance metrics to optimize reliability.

 Dynamic and collaborative, with flexible work options.

 Fast-paced projects involving cutting-edge technologies.

 Focus on continuous learning and upskilling.

**Work Environment**

**Working with Things, Ideas, People or Data?**

**What are other companies offering this job?**

**Career Outlook and Progression**

 Entry-level: Junior DevOps Engineer.

 Mid-level: Senior DevOps Engineer or Site Reliability Engineer (SRE).

 Advanced: DevOps Architect or Cloud Solutions Architect.

 High demand in the industry with competitive salary packages and remote opportunities.

 Google Cloud Platform (GCP): Site Reliability Engineer roles.

 Microsoft Azure: DevOps Engineer positions.

 IBM: Cloud Infrastructure Engineer roles.

 Accenture: AWS DevOps Specialist roles.

 Deloitte: Cloud DevOps Consultant positions.

**Appendix Aii) – Creation of Linkedin Account**

A screenshot of a chat

AI-generated content may be incorrect.A screenshot of a survey

AI-generated content may be incorrect.