

TechFest Problem Statement

16 Jan 2026



新加坡商 鈦坦科技
TITANSOFT

Problem

Fragmented career data prevents job seekers from turning information into actionable roadmaps for upskilling and employment



<https://www.gov.sg/features/ser/tripartite-career-fairs>

Goal

Closing the skills gap and reducing information barriers for more effective job matching in Singapore's data-driven market.

Problem Statement

Design a unified platform or application that helps fresh graduates transform fragmented career information into personalized, actionable roadmaps for employment.

Required Features

Centralized Data: Integrated data from multiple sources

Job Filtering: Filters to ensure people know the job is suitable for them

Transparent Requirements: Explicit listing of required skills, qualifications, and constraints

Application Tracking: Track their progress and receive status updates

Bonus Features


Personalized Upskilling Roadmap: Suggestions for specific courses to bridge gaps in a candidate's profile.

Technical Stack Filters: Advanced search options for specific programming languages or tools.

Search & Filter Enhancements: Location, role type, tech stack, or industry filters

***Not Limited to Above**

JUDGING CRITERIA



Technical
Difficulty
40%

Effective use of
centralized data

Innovation
30%

Improvements or
differences from
existing solutions

Design &
UX
30%

Clarity, usability,
and presentation
quality

Datasets

Here is some data that you can use directly

title	Company	Job ID	Location	Employment Type	Job Level	Experience	Category	Salary	Applications	Posted Date	Closing Date	Response Time	Roles & Responsibilities	URL
Software Engineer	HYPOTENUSE TECH	MCF-2026-0062504	71 AYER RAJAH CR	Full Time	Fresh/entry level	No exp required	Engineering, Inform	\$4,000to\$7,000Mon	54 applications	Posted 11 Jan 2026	Closing on 10 Feb 2026		About us We're build	https://
Senior Software Eng	CIELO TALENT PTE	MCF-2026-0110417	1 YISHUN AVENUE	Permanent, Full Tim	Non-executive	5 years exp	Manufacturing, Scie	\$8,000to\$12,000Mo	1 application	Posted 19 Jan 2026	Closing on 18 Feb 2026		Job Description We e	https://
Software Engineer	VIRTUSA SINGAPOI	MCF-2026-0098864	ESR BIZPARK @ CH	Full Time	Professional	9 years exp	Information Technol	\$9,000to\$16,000Mo	13 applications	Posted 16 Jan 2026	Closing on 30 Jan 2026	Typically Replies in	Solution Architect R	https://
Lead Software Engir	IKAS INTERNATIONAL	MCF-2026-0092713	Islandwide	Permanent, Full Tim	Manager	8 years exp	Information Technol	\$12,000to\$18,000M	8 applications	Posted 15 Jan 2026	Closing on 14 Feb 2026		As a Lead Software E	https://
Software Engineer	PARADIGM CONNEC	MCF-2026-0099235	71 ROBINSON, 71 R	Full Time	Professional	5 years exp	Others	\$20,000to\$20,000M	9 applications	Posted 16 Jan 2026	Closing on 30 Jan 2026		Responsibilities a) Pr	https://
Senior Engineer - S	SES WORLD SKIES	MCF-2025-1768824	111 SOMERSET, 11	Permanent, Full Tim	Professional	5 years exp	Engineering	\$10,000to\$15,970M	17 applications	Posted 16 Jan 2026	Closing on 15 Feb 2026		ROLE DESCRIPTION	https://
Software Engineer	PRESTO LABS PTE	MCF-2026-0052416	CAPITASKY, 79 ROI	Full Time	Executive	2 years exp	Engineering	\$8,000to\$15,000Mo	79 applications	Posted 09 Jan 2026	Closing on 23 Jan 2026		Responsibilities Impl	https://
Software Engineer	HYPOTENUSE TECH	MCF-2026-0062504	71 AYER RAJAH CR	Full Time	Fresh/entry level	No exp required	Engineering, Inform	\$4,000to\$7,000Mon	54 applications	Posted 11 Jan 2026	Closing on 10 Feb 2026		About us We're build	https://

title	company	location	salary	rating	description	url
Junior Software Engi	Synpulse	Singapore	\$4K (Employer provi		4 Are you excited abo	https://www.glassdoor
AI Engineer Intern	CPO Pte Ltd	Singapore	\$1K - \$2K (Employer		2 Company CPO Pte L	https://www.glassdoor
SAP Intern - AI Engir	SAP	Queenstown Estate	\$179K - \$216K (Glas	4.2	We help the world ru	https://www.glassdoor
AI Engineering Unde	Dell	Singapore	\$4K (Employer provi	3.8	At Dell Technologie	https://www.glassdoor

Resources

<https://lovable.dev/>

<https://base44.com/>

<https://v0.app/>

References

<https://www.efinancialcareers.sg/>

<https://www.mycareersfuture.gov.sg/>

<https://sg.jobstreet.com/>

<https://www.glassdoor.sg>

<https://data.gov.sg/>

<https://www.skillsfuture.gov.sg/>