

Your Career.
Verified &
Matched.

AI-powered career development
for Singapore's modern workforce.

- 1

Verify Your Past

Upload your CV & certificates.
Get credentials verified instantly.
- 2

Match Your Present

AI extracts & maps your skills
to a standardised taxonomy.
- 3

Shape Your Future

Discover career pathways, skill gaps
& personalised learning plans.

10k+

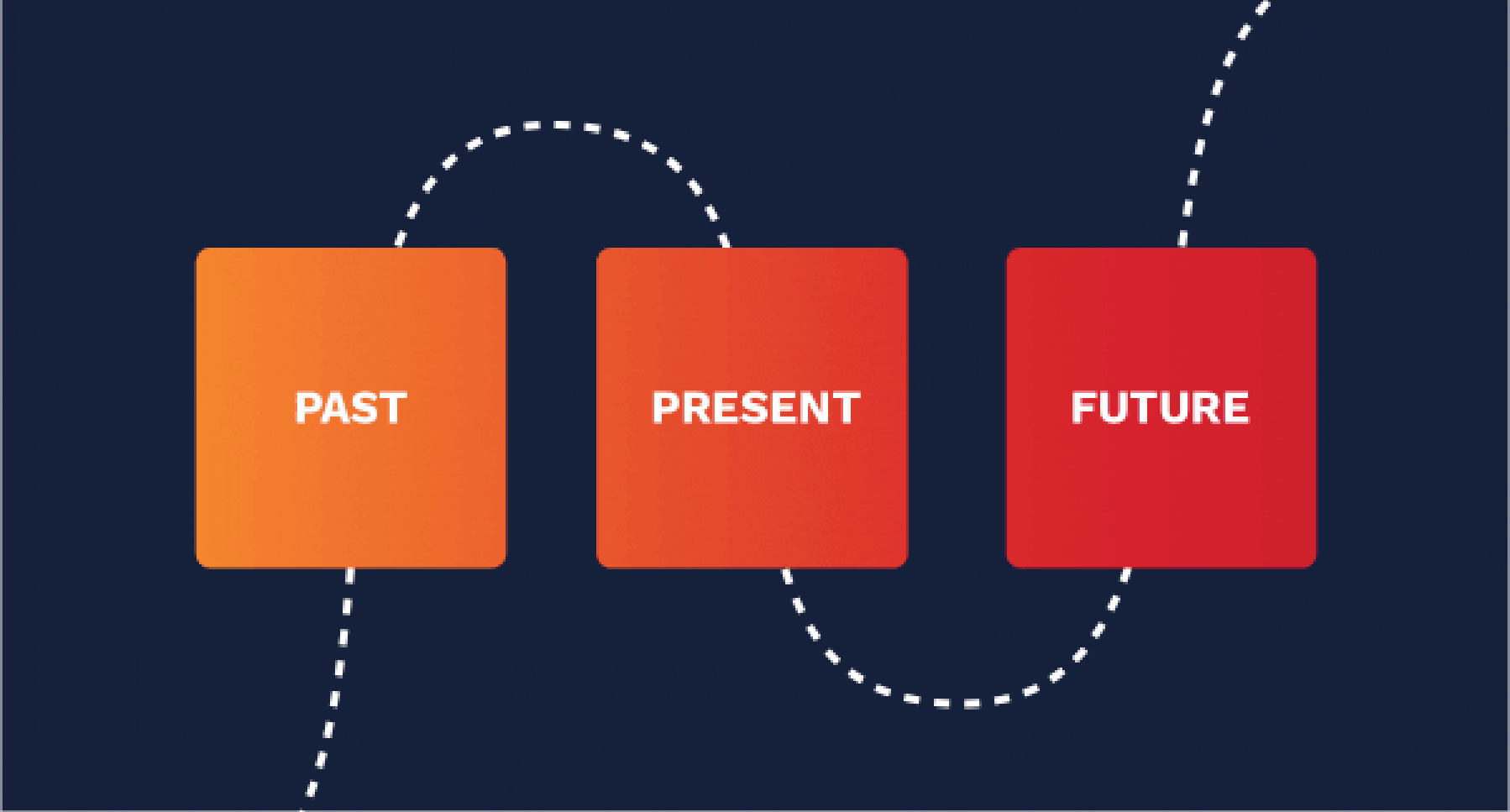
Careers mapped

500+

Role pathways

92%

Match accuracy



ILP Group 4
Final Presentation

CHOY WEIJIE, GABRIEL
JULIUS ARJUN FERNANDEZ
NG VEE AN, JONATHAN
POON CHIT HONG, DOMINIC

AI skills emerge as Singapore's hardest-to-fill talent gap

AI capabilities now top Singapore's hardest-to-fill skills list even as overall hiring pressures show signs of moderating in 2026.

SINGAPORE BUDGET 2026

Over half of SMEs feel the need to upskill amid AI disruptions: NTUC survey

BIG READ

AI is already displacing jobs in some sectors. What can workers do to prepare?

S'pore to be worst hit by job displacement as tech disrupts region's labour markets: Study

'Bloodied onslaughts': Experts warn of AI's growing impact on office jobs

Singapore

Demand for AI capabilities more than doubles, but core skills remain essential: SkillsFuture

Project Statement: The Goal

This project aims to build a solution *prototype* leveraging AI to provide recommendations to the individual worker:

1. **Best-fit available jobs based on current skills**
2. **Upskilling options based on job aspirations**

Recommendations are data-driven and organised around the twin pillars of *demand* and *supply* data:

- Demand: Job aspirations (employee demand); Job listings (employer demand)
- Supply: Worker skills (trainee supply); Upskilling options (trainer supply)

Approach: Design Considerations

PAST – who you’ve been

- Education – degrees, diplomas, SkillsFuture courses, majors.
- Experience – past roles, companies, duration, industries, responsibilities.
- Credentials – verified certificates, licenses, awards, portfolios.

PRESENT – who you are now

- Current Employment – current role, employer, tenure, core responsibilities.
- Skills & Competence – current expertise, digital/AI, and domain skills; proficiency levels.
- Demand, Match & Verification – fit to live roles (match %, ranking), verification score, learning activity.

FUTURE – who you can become

- Aspirational Roles – target jobs across Digital, Care, Green, Industry 4.0.
- Skill Gaps & Learning Path – missing skills/certs, specific course roadmap and time needed.
- Work Preferences & Values – desired work mode, culture, salary band, long-term career direction.

✓

Past

2

Present

3

Future

JS

6

Your Current Position



Senior UX Designer

TechCorp

 Top 23% for similar roles

Strengths Radar



The Strengths Radar chart compares your skills (green) with the average applicant (grey) across six categories: Human skills, AI skills, Domain, Communication, Leadership, and Learning. Your skills are consistently higher than the average applicant's skills in all categories.

Skill Category	You (Green)	Average applicant (Grey)
Human skills	90	75
AI skills	85	70
Domain	80	65
Communication	75	60
Leadership	70	55
Learning	65	50

Matches by Economy

CARE

Service Designer

65%

Apply

DIGITAL

UX Lead

78%

Apply

GREEN

Sustainability UX

72%

Apply

INDUSTRY 4.0

Smart Factory UX

69%

Apply

Explore Future Roles

Skillbridge

JS

✓

Past

✓

Present

3

Future

Aspirational Roles

CARE

Healthcare Designer

64% match >

DIGITAL

CX Designer

67% match >

Skill Gaps

Advanced Prototyping

65% → 85%

Figma Advanced – 12h, SkillsFuture

Service Design Methods

55% → 80%

Service Design – 16h, Coursera

Design Systems

70% → 90%

Design Systems – 8h, SkillsFuture

Your Pathway

Now

Senior UX

→

Next Role

CX Designer

→

Future Role

CX Director

Start Course to Boost Match

< Back

GREEN

Sustainability UX

GreenFuture Co

Salary\$80,000 - \$105,000

LocationSingapore

Your Match72%

Why You're a Good Match

☒

Verified 6+ years experience

☒

Strong human skills (Top 15%)

☒

Domain expertise in UX

☐

Leadership experience

Required Documents

CV / Resume

☒ Done

Portfolio

Upload

Certificates

☒ Done

Cover Letter

Upload

Application Details

Portfolio / Website Link

https://yourportfolio.com

Cover Letter

Tell us why you're interested in this role...

0 / 500 characters

Application Review

Your verified credentials will be automatically shared.
Expect a response within 5-7 business days.

Submit Application



Figma Advanced Prototyping

SkillsFuture

🕒 12 hours 👤 2,340 students ⭐ 4.8★

Boost Your Match

67%

Current



78%

After Course

Improves matches for:

CX Designer (DIGITAL)	+11%
Healthcare Designer (CARE)	+8%
Climate UX Lead (GREEN)	+6%

What You'll Learn

- ✔ Master advanced prototyping techniques
- ✔ Build interactive, high-fidelity prototypes
- ✔ Implement animation and micro-interactions
- ✔ Create reusable component systems
- ✔ Present and test prototypes effectively

Course Schedule

1	Week 1	36h
	Fundamentals & Setup	
2	Week 2	48h
	Interactive Components	
3	Week 3	36h
	Advanced Animations	
4	Week 4	24h
	Final Project	

Course Details

Level	Intermediate
Duration	12 hours

Enroll Now

Approach: Design to Rapid Prototyping

Functional prototyping using AI-powered tools; bridging design and reality

- Figma Make → Lovable.dev
- From natural language (plain English prompts) to interactive web/mobile applications
- Enable high-fidelity user testing with real-time interactions
- Used ChatGPT for assisted master prompt generation
- Challenges
 - Complex logic created bugs and edge cases
 - Unreliable over time with hallucinated or inconsistent data
 - Gradual loss of control with AI-generated outputs



TrustMatch

AI-Powered Career Development

Welcome back

va.ng.2025@ipm.smu.edu.sg

.....

Sign In →

Don't have an account? [Sign up](#)


TrustMatch
→

1

2

3

Past

Present

Future



Mandy Lim

unable to verify at Daiichi Life Asia Pacific Pte. Ltd.



Upload CV & Certificates

PDF, DOC, DOCX up to 10MB

 Mandy_CV (20251125).docx

Verified Experience

unable to verify

Rohm Electronics Pte Ltd

unable to verify — unable to verify

✎ Tap to verify

unable to verify

TT Global Pty Ltd

unable to verify — unable to verify

✎ Tap to verify

the function

Daiichi Life Asia Pacific Pte. Ltd.

2023 — Present

✎ Tap to verify

HR Business Partner

Mercedes-Benz Financial Services Singapore Ltd

2019 — 2023

✔ Verified

the function

BMW Asia Pte Ltd

2015 — 2018

✎ Tap to verify


TrustMatch
→

1

2

3

Past

Present

Future



Mandy Lim

unable to verify at Daiichi Life Asia Pacific Pte. Ltd.



AI is parsing your CV...

PDF, DOC, DOCX up to 10MB

 Mandy_CV (20251125).docx

Verified Experience

Roles in HR, administration and executive support

Rohm Electronics Pte Ltd

unable to verify — unable to verify

⌚ Pending

Roles in HR, administration and executive support

TT Global Pty Ltd

unable to verify — unable to verify

⌚ Pending

the function

Daiichi Life Asia Pacific Pte. Ltd.

2023 — Present

⌚ Pending

HR Business Partner

Mercedes-Benz Financial Services Singapore Ltd

2019 — 2023

✔ Verified

1 Past 2 Present 3 Future

**Mandy Lim**

unable to verify at Daiichi Life Asia Pacific Pte. Ltd.

**Upload CV & Certificates**

PDF, DOC, DOCX up to 10MB

Mandy_CV (20251125).docx

Verified Experience

Finance Executive

Rohm Electronics

Jun-2006 — Jul-2008

✓ Verified

unable to verify

TT Global Pty Ltd

unable to verify — unable to verify

Tap to verify

the function

Daiichi Life Asia Pacific Pte. Ltd.

2023 — Present

Tap to verify

HR Business Partner

Mercedes-Benz Financial Services Singapore Ltd

2019 — 2023

✓ Verified

the function

BMW Asia Pte Ltd

2015 — 2018

Tap to verify

1 Past 2 Present 3 Future

**Mandy Lim**

unable to verify at Daiichi Life Asia Pacific Pte. Ltd.

Verify Experience



Job Title

Finance Executive

Company Name

Rohm Electronics

Start (MMM-YYYY)

Jun-2006

End (MMM-YYYY)

Jul-2008

Confirm the details are correct. Saving will mark this entry as verified.

Cancel

Verify & Save

the function

Daiichi Life Asia Pacific Pte. Ltd.

2023 — Present

Tap to verify

HR Business Partner

Mercedes-Benz Financial Services Singapore Ltd

2019 — 2023

✓ Verified

the function

BMW Asia Pte Ltd

2015 — 2018

Tap to verify

✓ 1 Past 2 Present 3 Future

CURRENT POSITION

unable to verify

Daiichi Life Asia Pacific Pte. Ltd.

↗ Mandy Lim

Strengths Radar

— You — Average



Matches by Economy

Based on roles from LinkedIn, JobStreet, Glassdoor & SkillsFuture SG

DIGITAL LinkedIn

85%**HR Business Partner**

Robert Bosch (South East Asia) Pte Ltd

SGD 7,000 - SGD 9,500

match

[View](#)

DIGITAL Glassdoor

78%**Senior HR Executive**

KPMG

SGD 5,500 - SGD 7,500

match

[View](#)

Approach: Developing MVP

Progressively reducing the gap between idea and working product; building with confidence

- Claude Code with rapid code generation
- Finetuning UI and UX
- Building database for storing data
- Explore endpoint integration to retrieve live data from job boards and learning portals

Skillbridge •

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10k+

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Role pathways

92%

Match accuracy

Welcome back

Sign in to continue your career journey.

[Sign In](#)[Create Account](#)

EMAIL ADDRESS

PASSWORD

[Forgot password?](#)[Sign In →](#)

or

Don't have an account? [Create one →](#)

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92%

Match accuracy

Create your account

Join Skillbridge and shape your future.

Sign In

Create Account

FULL NAME

 Julius Arjun Fernandez

EMAIL ADDRESS

 Arjunf.j.2025@ipm.smu.edu.sg

PASSWORD (min. 8 characters)





CONFIRM PASSWORD





I AM A...



Job Seeker

Map skills & find career
pathways



Employer

Search talent & assess
readiness

Create Account →

or

Already have an account? [Sign in →](#)



127.0.0.1:4000/past.html



Update ...



Chat

1

Past

2

Present

3

Future



Sarah Chen

Senior UX Designer

92% Verified

Upload CV & Certificates

PDF/DOC, auto-parse roles & education

Drag & drop files here

Upload file

Verified Experience

Senior UX Designer TechCorp • 2022 - Present

Verified

UX Designer StartupLab • 2019 - 2022

Verified

Junior Designer CreativeHub • 2017 - 2019

Pending

Verification Score

92%

Verified

Education

Experience

Credentials



127.0.0.1:4000/resume.html



Update ...



Chat

1 Past

2 Present

3 Future

Resume Builder

Fill in your details. The preview updates live.

Personal Info

Full Name

Sarah Chen

Job Title

Senior UX Designer

Email

sarah.chen@email.cor

Phone

+65 9123 4567

Location

Singapore

LinkedIn / Portfolio

linkedin.com/in/sarahc

Professional Summary

Career inclusive digital experiences, expert in user research, prototyping, and cross-functional collaboration to deliver products used by millions.

Work Experience

Senior UX Designer

Job Title

Senior UX Designer

Company

TechCorp

Start Date

Jan 2022

End Date

Present

Responsibilities / Achievements

- Led end-to-end redesign of flagship mobile app, improving task completion by 38%
- Built and maintained the company...

Live Preview

Classic

Modern

Minimal

Sarah Chen

Senior UX Designer

sarah.chen@email.com

+65 9123 4567

Singapore

linkedin.com/in/sarahchen

SUMMARY

Award-winning UX Designer with 8+ years crafting intuitive digital experiences. Expert in user research, prototyping, and cross-functional collaboration to deliver products used by millions.

EXPERIENCE

Senior UX Designer

TechCorp

Jan 2022 - Present

- Led end-to-end redesign of flagship mobile app, improving task completion by 38%
- Built and maintained the company design system used by 12 product teams
- Partnered with engineers and PMs to ship 3 major feature launches

UX Designer

StartupLab

Mar 2019 - Dec 2021

- Conducted 60+ user interviews and usability studies to inform product direction
- Designed onboarding flow that increased D7 retention by 22%
- Created interactive Figma prototypes for investor demos

Junior UI/UX Designer

CreativeHub

Jul 2017 - Feb 2019

- Designed marketing websites and mobile screens for 15+ client projects
- Collaborated with developers to implement pixel-perfect UI components

EDUCATION

B.Sc. Information Systems

National University of Singapore - Honours (Distinction)

2017

SKILLS

Figma

Adobe XD

User Research

Prototyping

Wireframing

Usability Testing

Design Systems

HTML/CSS

Accessibility

Skillbridge

1 Past

2 Present

3 Future

— Present



Sarah Chen
Senior UX Designer · 8 years experience · Singapore

9 Skills Verified 92% Profile Complete

Career Pathway Recommendations

Based on your skills and live job market data from LinkedIn, Indeed & Google Jobs

in LinkedIn Indeed Google Jobs

CURRENT ROLE

Senior UX Designer

Figma · User Research · Prototyping

92% Verified

- UX Lead / Head of Design**

88% match

Lead a team of designers, own design strategy, and drive end-to-end product experience.

\$95k – \$130k 109 openings

Promotion
- Product Manager**

72% match

Own product direction, translate user insights into roadmaps, and drive cross-functional delivery.

\$90k – \$140k 288 openings

Lateral Move
- AI / UX Designer**

65% match

Design AI-powered interfaces, craft LLM interaction patterns, and ensure human-centred AI experiences.

\$85k – \$120k 74 openings

Emerging Role
- Senior UX Researcher**

80% match

Drive mixed-methods research programmes to inform product decisions with deep user insight.

\$75k – \$105k 63 openings

Specialist
- Service Designer**

75% match

Design holistic services spanning digital and physical touchpoints to improve end-to-end experiences.

\$80k – \$115k 47 openings

Lateral Move

Live Job Openings for UX Lead / Head of Design in LinkedIn 42 Indeed 38 Google Jobs 29 Total: 109 openings



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Update ...



Chat

Skillbridge

1 Past

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— Present

Skill Gap Analysis

Your current skills vs what's required for UX Lead / Head of Design



Role Readiness

✓ Skills You Have

✓ User Research

✓ Figma

✓ Design Systems

✓ Prototyping

⚡ Skills to Develop

⚡ Team Leadership

⚡ Stakeholder Management

⚡ Design Strategy

⚡ Mentoring

⚡ Budget Management

Skill Coverage

User Research 100%

Figma 100%

Design Systems 100%

Prototyping 100%

Team Leadership Gap

Stakeholder Management Gap

Design Strategy Gap

Mentoring Gap

Budget Management Gap



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Update ...



Chat

Refresh (Ctrl+R)

Skillbridge

1 Past

2 Present

3 Future

-- Present

Learning Recommendations

Personalised courses to close your skill gaps for UX Lead / Head of Design

All

Coursera

Udemy

LinkedIn Learning

PHASE 1 - QUICK WINS (< 4 WEEKS)

Coursera

Leadership Principles

Team Leadership Mentoring

Harvard / edX 6 weeks ★★★★★ 4.7

Intermediate

Enrol --

LinkedIn Learning

Transitioning to Manager

Team Leadership

LinkedIn 3h 12m ★★★★★ 4.5

Beginner

Enrol --

Coursera

Communication & Stakeholder Engagement

Stakeholder Management
Stakeholder Facilitation

UC Davis 4 weeks ★★★★★ 4.6

Intermediate

Enrol --

Udemy

Stakeholder Management Masterclass

Stakeholder Management

Udemy 5h 30m ★★★★★ 4.4

Intermediate

Enrol --

Coursera

Design Thinking & Innovation

Design Strategy Systems Thinking
Business Strategy

UVA Darden 5 weeks ★★★★★ 4.8

Intermediate

Enrol --

LinkedIn Learning

Strategic UX

Design Strategy

LinkedIn 2h 45m ★★★★★ 4.3

Intermediate

Enrol --

PHASE 2 - CORE SKILLS (1-3 MONTHS)

LinkedIn Learning

Coaching and Mentoring

Mentoring

LinkedIn 1h 50m ★★★★★ 4.5

Beginner

Enrol --

Coursera

Finance for Non-Finance Managers

Budget Management

University of Illinois 4 weeks
★★★★★ 4.5

Beginner

Enrol --

DEMO

Approach: Validating MVP

Conducted user testing with actual users

To address/already addressed -

- **Profile readiness**
 - Feedback: “How do I know I’m ready to submit my profile?”
- **Scoring & courses in a dynamic market**
 - Feedback: “How does scoring work as the economy changes? Can I see recommended courses?”
- **Not just one course provider**
 - Feedback: “‘Enrol now’ feels like only one institution offers the course.”

Positives

- **Clean, streamlined interface**
 - “Nice and clean interface.”
 - “Like the streamlined platform.”
- **Clear focus on employability**
 - They recognise the value of “course to sign up to boost employability”
- **Conceptual buy-in to the approach**
 - Comparing it to LinkedIn shows they see it as a **serious, professional tool**, not a gimmick.
 - Questions about completeness and scoring indicate they accept the core idea and are already thinking about how to make it more powerful, not whether it’s useful at all.

Conclusion and Future Work

AI didn't just help us build faster - it changed how we build"

- AI can act as assistants to the development process, but cannot replace human interactions
- Getting concepts and design right early reduces reengineering effort

Explore future agentic AI workflows and integration with more data sources