



Career Pathways eBook

created for



Self Assessment

1. Candidate Profile

- [REDACTED] is an Engineering leader with 10+ years in the automotive industry, specializing in Connected Vehicle Technologies, Cybersecurity, and Digital Transformation, holding the role of Product Owner and heading Connected Services In-vehicle Cybersecurity at [REDACTED]. He holds a Bachelor of Engineering (BE) degree.
- His strengths include expertise in Connected Vehicle Cybersecurity and Automotive Digital Transformation, which are highly valuable in the Canadian market, especially in the growing tech and automotive sectors.
- Canadian context integration requires addressing potential challenges like limited opportunities, adapting to Canadian workplace culture, and meeting the requirements for P.Eng/EIT licensing through Engineers and Geoscientists BC (EGBC).

Settlement & Credentialing

2. First 30 Days

- Join Engineers and Geoscientists BC (EGBC) and other relevant local professional associations in Vancouver.
- Update LinkedIn profile to highlight Connected Vehicle Cybersecurity and Automotive Digital Transformation skills, optimizing it for the Canadian market.
- Research job market trends in Vancouver specific to engineering and cybersecurity, and start networking through industry events.
- Conduct informational interviews with 5-10 professionals in the field, using insights from your experience to craft compelling connection requests.

3. Next 60 Days

- Begin the P.Eng/EIT registration process with EGBC.
- Enroll in a bridging program specific to your BE background and location (e.g., programs at UBC or other Vancouver institutions).
- Address the challenge of limited opportunities by building your skills and gaining local experience through volunteering or contract work.
- Apply to 10-15 targeted positions per week, tailoring applications to leverage your experience as a Technical Product Manager and Senior Engineer.

4. Next 90 Days

- Secure a mentor through professional networks and immigrant support organizations in Vancouver.
- Complete technical and behavioral interview preparation, using the Canadian STAR method, and focus on your promotion to Senior Manager.
- Gain local Canadian experience through internships, contract roles, or volunteer projects, focusing on Connected Vehicle Cybersecurity and Digital Transformation.
- Track and analyze application outcomes, adjusting your job search strategy based on market feedback and networking efforts.

5. Credential Recognition

- WES (World Education Services) - Evaluate your Bachelor of Engineering (BE) degree for Canadian equivalency.
- ICES (International Credential Evaluation Service) - Another option for credential evaluation.
- EGBC will assess your educational qualifications as part of the P.Eng application.
- Industry-specific credential recognition services may be relevant depending on your area of expertise.

6. Licensing & Certification

Yes, it is a regulated profession.

- Apply for credential assessment via WES/ICES, tailored to your Bachelor of Engineering (BE) degree.
- Complete the P.Eng/EIT requirements through EGBC, including any required experience hours and portfolio submissions.
- Gain the required experience hours while addressing challenges, such as foreign credential recognition.
- Pass the Professional Practice Exam required by EGBC.
- Obtain your final P.Eng designation from EGBC.

Support Systems

7. Provincial Regulator

- Regulator Name: Engineers and Geoscientists BC (EGBC)
- Requirements: The P.Eng registration process includes educational assessment, experience verification, and the Professional Practice Exam. The timeline varies based on individual circumstances.
- Continuing Education: EGBC requires ongoing professional development to maintain the P.Eng designation, including structured learning activities and professional contributions.

8. Bridging Programs & Mentorship

- Consider bridging programs at the University of British Columbia (UBC) or other institutions in Vancouver, tailored to your engineering background.
- Explore industry-specific programs that address challenges and build on your experience as a Technical Product Manager and Senior Software Engineer.
- Seek out mentorship programs through immigrant networks specific to the engineering field in Vancouver.
- Look into professional association mentorship programs offered by EGBC or other relevant engineering bodies.
- World Skills is another option to look for mentorship.

9. Associations

- Engineers and Geoscientists BC (EGBC)
- Engineers Canada
- IEEE (Institute of Electrical and Electronics Engineers) for industry-specific networking and professional development.
- Immigrant professional networks in Vancouver, such as those focused on tech or engineering.

Workplace Adaptation

10. Understanding Canadian Workplaces

- Explore resources from EGBC to understand Canadian workplace culture and available mentorship programs.
- Adapt to the collaborative culture of Canadian workplaces, leveraging your strengths in Connected Vehicle Cybersecurity and Automotive Digital Transformation.
- Focus on building inclusive teams and stakeholder relationships, drawing from your experience.
- Develop an understanding of Canadian business etiquette, communication styles, and professional norms specific to the engineering industry.
- Navigate workplace diversity and inclusion practices, contributing to organizational goals.

11. Soft Skills Development

- Improve cross-cultural communication skills for diverse Canadian teams, building on your strengths and addressing any gaps.
- Develop leadership and adaptability skills through workshops and mentorship, leveraging your experience.
- Build emotional intelligence and conflict resolution abilities relevant to Canadian workplace dynamics.
- Enhance your presentation and public speaking skills for professional advancement.
- Strengthen your networking and relationship-building skills specific to Canadian professional culture.

Job Strategies, AI tools, Alternative Careers, LinkedIn leaders, Job Matches

12. Job Finding Techniques

- Use Job Bank Canada and LinkedIn for targeted searches, optimizing your profile with Connected Vehicle Cybersecurity and Automotive Digital Transformation skills.
- Network at profession-specific conferences, events, and immigrant support groups to gain career insights.
- Tailor your resume to Canadian standards, highlighting quantifiable achievements and using action verbs.
- Prepare for behavioral interviews using the STAR method, addressing challenges and showcasing problem-solving skills.
- Leverage informational interviews to build your network and gain insights, using your leadership experience to create compelling connection stories.
- Volunteer in relevant organizations to build Canadian experience and network, focusing on areas that align with your career goals.

13. AI Job Search Prompts

- Career Pathway Prompt: Generate a Canadian career pathway for [REDACTED], Engineer based in Vancouver, BC, with skills in Connected Vehicle Cybersecurity, Automotive Digital Transformation, and Technical Product Management. Include licensing steps, bridging programs, alternative careers, and job matches in Vancouver, BC.
- Job Search Plan Prompt: Create a Canadian job search plan for [REDACTED] to secure an Engineer role in Vancouver, BC within 6 months, addressing the challenge of limited opportunities.
- Resume Tailoring Prompt: Rewrite [REDACTED] resume for an Engineer role at a target company in Vancouver, BC, highlighting Connected Vehicle Cybersecurity, Automotive Digital Transformation, and the promotion to Senior Manager, using Canadian resume standards.
- LinkedIn Optimization Prompt: Optimize [REDACTED] LinkedIn profile for engineering opportunities in Vancouver, BC, emphasizing Product Owner, Connected Vehicle Cybersecurity, Automotive Digital Transformation, and his experience as an Engineering leader.
- Job Match Prompt: Find and list job matches for [REDACTED], an Engineer with a specialization in Connected Vehicle Cybersecurity, in Vancouver, BC.

14. Skills Match Analysis

- Your background as a Technical Product Manager and Senior Software Engineer closely matches the Technical Project Manager role, which requires project management and technical experience.
- The Creative Director role at Remotivate shows a significant skills misalignment, focusing on design and branding rather than technical project management.
- The job descriptions highlight a demand for specific industry knowledge, particularly in utilities and energy sectors, which may be a gap.
- Familiarity with Agile and Waterfall methodologies is also a key requirement in these roles.

15. Best City To Work

- Recommended City: Vancouver, BC
- Justification: Vancouver offers a strong job market for engineers, particularly in the tech and automotive sectors. The presence of major employers in these fields and the city's growth sectors provide ample opportunities.
- Professional Body: Engineers and Geoscientists BC (EGBC)
- Credential Recognition: WES, ICES
- Support Resources: Vancouver has numerous immigrant support resources and community networks to help with integration.
- Cost Of Living: The cost of living in Vancouver is high, but the quality of life and job opportunities often offset this consideration.

16. Alternative Careers

- Product Management roles within tech companies, leveraging your experience in Connected Vehicle Cybersecurity and Automotive Digital Transformation.
- Cybersecurity consulting, focusing on automotive and connected vehicle technologies.
- Technical leadership roles in software development, particularly in areas related to your experience.
- Entrepreneurship, starting a tech-focused business related to your expertise, possibly with a focus on sustainability or smart city initiatives.

7. Job Matches

Job Matches for [REDACTED] in Vancouver, BC

The candidate's skills in Technical Product Management and Senior Software Engineering align well with the Technical Project Manager position at Celerity, which emphasizes project management and technical skills. However, there is a gap in industry-specific knowledge and project management methodologies.

- Creative Director (Health company) at Remotivate, NAMER - [Apply](#)
- Technical Project Manager at Celerity, NAMER - [Apply](#)

18. Top LinkedIn Leaders

Top 5 Canadian Engineer Leaders or Influencers to Follow on LinkedIn

- Shawn Conway - Director, Commercial Execution & Product Transfer, Global Feed @ AGI → Global Supply Chain Management → Team Leadership → Business Operations → Strategic Planning → Developing Commercial Business Opportunities - [Profile](#)
- Dominic Bouffard - 🚀 Head of Product | 🎯 OKR Expert | 💡 Innovative Tech-savvy Leader - [Profile](#)
- Richard Henderson - CISO @ Alberta Health Services - Dad, DEFCON Speaker/Trainer, Proud Public Servant - [Profile](#)
- David Dima Ismailov - Product Strategy, Product Design, Research, StartUp, Enterprise, SaaS, Mobile, AR/XR, UX/UI - [Profile](#)
- Matthew Kantor - I Make People More Money | CEO Propellerhead | COO The Kayfetz Method - [Profile](#)

Immigrant Networks

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