

Eduard Kakosyan

HALIFAX, NOVA SCOTIA, CANADA

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EXPERIENCE

Co-Founder - ShiftKey Build

October 2024 – Present

CarGrep | cargrep.com

Halifax, NS, Canada

- Improved AI response time by **73%** using Azure ML and Vercel AI SDK to allow live streaming.
- Increased recommendation accuracy by **38%** with a fine-tuned GPT-4o agent for requirement evaluation.
- Presented at the ImpactX conference, showcasing to an audience of over **100+** attendees.

Software Developer (Co-op) - Data Science

January 2024 – August 2024

Rayleigh Solar Tech

Dartmouth, NS

- Developed **3** data processing applications, transforming **10M+** rows into actionable insights with advanced cleansing, processing, and statistical analysis for investor reports.
- Enabled non-technical users to generate **30+** charts and **13-page** reports in **30** seconds or less.

IT Specialist (Co-op)

May 2023 – August 2023

IMP Group Aerospace Ltd.

Enfield, NS

- Automated deployment of Office 365 and Windows 11 across **600+** systems at IMP locations using ManageEngine Endpoint Central.
- Deployed and configured Cisco routers, switches, and access points, implementing secure **VLAN** segmentation, QoS policies, and WPA2/802.1X authentication.
- Configured and secured **VMware** and **Hyper-V** servers, deploying redundant servers to ensure zero-downtime upgrades and high availability.

General Foreman

May 2021 – December 2021

Armco Capital Inc.

Halifax, NS

- Led a team of **20+** tradesmen in a commercial renovation project in Downtown Halifax, ensuring on-time completion despite Covid-19 challenges.
- Managed stakeholder communications, conducting weekly progress meetings with clients and supervisors to align expectations and mitigate risks.

PROJECTS

Second Brain - Volta Hackathon | [GitHub](https://github.com)

RAG, N8N, Pinecone, GCP

- Ranked **2nd** place developing a no-code AI assistant in under **10 hours**, leveraging Pinecone's vector database to store and query thousands of academic documents.
- Integrated email and calendar API's, allowing the agent to summarize events, schedule tasks, and track deadlines by analyzing syllabi and emails.

SkyPainters - NASA Hackathon | [Website](https://www.website.com) | [GitHub](https://github.com)

Python, Docker, NextJS, PostgreSQL

- Developed an educational tool to visualize night skies from exoplanets, processing **13M+** stars from Gaia's catalog and **5,000+** exoplanets under 24 hours.

SKILLS & CERTIFICATES

Languages: Python, Go, SQL, C, JavaScript, TypeScript, C#, HTML, CSS

Frameworks: React, Node.js, Next.js, Docker, Flask, REST APIs, Nginx

Developer Tools & Cloud: Git, Azure, AWS, Cursor, Copilot, Supabase, Vercel, LangeChain, Pinecone, N8N

Interpersonal Skills: Growth Mindset, Problem Solving, Agile, Data Driven, Communication and Team Collaboration

Certificates: Communication Technologies and Cyber Security (Dalhousie), AWS CCP [Expected March 2025], CompTIA Security+ [In Progress]

EDUCATION & AWARDS

Dalhousie University | CGPA 3.8

Halifax, NS

Bachelor of Computer Science + Co-op

Graduating May, 2025

- Future Tech Leaders Award
- Sexton Scholar Award
- Dean's List