

Kamal Chafik

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Summary

Software Engineering undergraduate with 7+ years of experience as a Business Analyst, transitioning into a technical role with a focus on DevOps and AI. Currently deepening my expertise in automation, cloud technologies, and AI-driven solutions to bridge business and engineering effectively.

Tech Skills

DevOps / GitOps, Web Development, React.js, Node.js, Express.js, Django, TensorFlow / Scikit-Learn, OpenCV, HTML / CSS / JavaScript, Software Architecture & Design Patterns, IaC (OpenTofu/Ansible), FluxCD / ArgoCD, Cloud Computing (AWS), RDBMS (SQL Server, Oracle, MySQL), NoSQL (MongoDB, DynamoDB, FireStore)

Experience

Business Analyst II

TELUS • Montreal, QC

06/2017 - Present

- Launched the SmartWear Security product, exceeding SLA within the first 3 months.
- Enabled digital guard dispatching, Events, reducing Frontline call AHT.
- Developed an internal web application in SharePoint to streamline SmartWear call flows.
- Scripted a funnel for external requests, improving workload management and efficiency.

Software Engineer

Éclipse - Solar Car • Montreal, QC

02/2022 - Present

- Implemented a VPC with private subnets for sensitive resources and VPN access.
- Developed a barrier detection application for the Bridgestone World Solar Challenge.
- Optimized a Weather API for low-signal environments and connexion loss.
- Enhanced a genetic algorithm for stage-based optimization in the American Solar Challenge.
- Built a full CI/CD pipeline for the main strategy web application with AWS

IT Consultant

Groupe Pro-Vert • Montreal, QC

01/2024 - Present

- Optimized website performance, reducing loading time from 9 seconds to under 2 seconds
 - Migrated infrastructure from traditional hosting to cloud computing, implementing redundancy and disaster recovery strategies
 - Deployed a monitoring suite to ensure performance, uptime, and availability
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Education

Software Engineer

École de technologie supérieure • Montreal, QC

04/2026