

MOEEZ NAGRA

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EDUCATION

University of Saskatchewan

Sept. 2021 - June 2026

B.Sc Computer Science

Saskatoon, SK

- **Relevant Courses:** Advanced Software Engineering, Data Structures & Algorithms, Object Oriented Programming, Functional Programming, Design Analysis & Correctness, Linear Algebra, Real-Time Operating Systems

SKILLS

Languages: TypeScript, Python, Bash, SQL, C/C++, HTML, CSS

Frameworks & Tools: React, Next.js, AWS CDK, Docker, GitHub Actions, Git, n8n, Hugging Face, Jira

Cloud: AWS Lambda, AWS CloudFormation, AWS S3, AWS IAM, AWS DynamoDB, AWS CloudWatch

Other: GitHub Copilot, Cursor, Tableau, VSCode, Linux, Windows, macOS

EXPERIENCE

Deloitte

April 2026 – May 2026

Cyber Security Virtual Intern

Remote

- Analyzed **web activity logs** to detect anomalous traffic patterns and unusual access spikes, successfully identifying suspicious user behavior across **50+** accounts during a simulated client cyber security breach.
- Supported a client-facing **breach investigation** by thoroughly reviewing access logs and flagging unauthorized activity, applying structured threat analysis to narrow down and document **compromised entry points**.
- Applied **security triage** methodology to classify and prioritize suspicious events by severity, producing actionable findings that informed the client's incident response and remediation strategy.

Nutrien

May 2025 – August 2026

Cloud DevOps Engineer (Co-op)

Saskatoon, SK

- Built **CI/CD** pipelines with GitHub Actions and AWS CDK, automating build, test, and deploy stages end-to-end to reduce deployment time by **70%** across **4** different environments, accelerating release velocity significantly.
- Automated AWS infrastructure provisioning (Lambda, S3, DynamoDB, CloudFront) for **30+** microservices using **Infrastructure as Code**, fully eliminating manual configuration and environment drift across all deployments.
- Integrated Agentic AI into enterprise workflows to replace repetitive internal procedures, cutting average task execution time by **80%** and improving overall process consistency across multiple business units.

Refonte

November 2024 – Present

Founder & Lead Software Engineer

Saskatoon, SK

- Architected and shipped a full-stack SaaS product using Next.js and Supabase, implementing **Row Level Security (RLS)** for multi-tenant data isolation, ensuring zero cross-tenant data leakage across all user accounts.
- Integrated **Google Gemini API** as the core AI engine to power generative features, reducing manual user effort by **~60%** compared to traditional workflows while seamlessly maintaining sub-second response times.
- Built end-to-end **Stripe** subscription billing with webhook-driven lifecycle management, supporting multiple pricing tiers and automating payment processing, access provisioning, and subscription state across **100%** of billing flows.

PROJECTS

Dusk - AI Movie & TV Recommendation Engine | React, TypeScript, Express.js, Gemini API, TMDB API

- Built a **full-stack AI recommendation engine** that delivers **10** ranked matches per query with percentage match scores and natural-language reasoning, by integrating Google Gemini's generative API for semantic vibe matching.
- Reduced frontend-to-poster **latency** by designing an Express proxy layer that resolves TMDB search **queries** in a single round-trip, enabling a cinematic UI with Framer Motion entrance animations and a live trending carousel.
- Engineered a typed JSON prompt pipeline that parses Gemini's ranked output into structured React components, enforcing schema validation across all API responses and reducing rendering errors by **100%** in production.

Netflix Dashboard | Tableau, SQL, Data Analysis

- **Data Visualization** using **Tableau**: Developed an interactive Netflix dashboard analyzing over **6,000** rows of movies and TV shows data from Kaggle (up to 2021), providing insights into content distribution, ratings, and genres.
- **Geographic Insights**: Incorporated a global map to visualize the distribution of Netflix content across **180+** countries, highlighting regional trends in media availability
- **User-Friendly Interface**: Created visualizations like pie charts, bar charts, and timelines to present data on content ratings, genres, and growth of Netflix's catalog over time, making the dashboard intuitive and easy to navigate.