

DANIEL EMEHINOLA

SOFTWARE DEVELOPER

Professional Summary

Full-Stack Engineer passionate about building **scalable products** and shipping fast in startup environments. Skilled in **TypeScript, NextJS, NodeJS, Python and Amazon Web Service**, with experience integrating **AI APIs, serverless architectures, and cloud-native deployments**. Adept at **rapid prototyping, MVP delivery, and API integrations**, with a product-first mindset focused on solving real user problems.

Core Competencies

- **Frontend:** React, NextJS, TypeScript, Tailwind
- **Backend:** NodeJS, Express, GraphQL, REST APIs, Python, FastAPI
- **Cloud & DevOps:** Azure, AWS, Docker, GitHub Actions, Serverless Architectures
- **Databases:** PostgreSQL, MongoDB, Prisma ORM, Supabase
- **AI & Integrations:** OpenAI, HuggingFace 3rd-party API orchestration
- **Practices:** Rapid Prototyping, MVP Development, CI/CD, Agile/Scrum
- **Soft Skills:** Product Thinking, Startup Agility, Cross-Functional Collaboration, Fast Iteration

Professional Experience

Software Engineer

Transport Canada

September 2024 – Present

Responsibilities:

- Developed scalable, secure APIs with versioning, documentation, and OAuth2 authentication.
- Enhanced application security by centralizing secrets and credentials with Key Vaults and policy-based authorization.
- Optimized app performance with distributed caching reducing API latency by over 40%.
- Implemented CI/CD pipelines integrating gated builds, automated tests, artifact promotion, and multi-environment deployments.

Software Engineer

SaskPower

April 2024 – September 2024

Responsibilities:

- Contributed to modernization of mission critical systems by optimizing real-time data pipelines and streamlining system performance.
- Enhanced the front-end interfaces for control and visualization tools using responsive JavaScript-based UIs.
- Automated infrastructure tasks and operational routines using Bash scripting, reducing deployment time and increasing reliability.
- Diagnosed and resolved complex issues in Oracle SQL queries and Linux-based systems, contributing to higher operational resilience.
- Collaborated with cross-functional engineering teams to support production-grade deployments and resolve high-priority incidents.

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SOFTWARE DEVELOPER

Software Developer

ISM Canada

November 2021 – February 2024

Responsibilities:

- Developed scalable APIs with RESTful principles, leveraging CQRS, versioning, and JWT authentication.
- Designed modular frontend components using React, enabling reusable and maintainable UI systems.
- Integrated 3rd-party APIs and built service orchestration layers for business logic and data processing.
- Optimized database interactions with compiled queries and intelligent batching strategies.
- Instrumented applications with structured logging, monitoring, and diagnostic tools to ensure reliability and observability.

Notable Projects

SaskFund Eligibility Checker

- Designed loan eligibility app using NextJS, Prisma ORM, and PostgreSQL.
- Deployed as a client facing decision support tool.

SaskTenders Intelligence App

- Created NodeJS based web scraper to extract procurement data.
- Provided stakeholders with enriched insights and alerting for new tenders.

Client Feedback App

- Web application for secure client feedback collection.
- Implemented user authentication and developed responsive frontend UI.
- Delivered long term support and feature enhancements post deployment.

Education

Master's degree, Electronic Systems Engineering

University of Regina, 2020