Daniel Efford

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Github | LinkedIn

TECHNICAL SKILLS

- **Languages:** Python | JavaScript | TypeScript | Java | SQL | NoSQL
- **Frontend:** React | Tailwind | HTML/CSS/JS
- **Backend:** Deno | Node | REST APIs | Postman
- **Databases:** PostgreSQL | MongoDB
- **Cloud & DevOps:** AWS | GitHub | Docker
- **Data & BI Tools:** Power BI | DAX | Excel

EXPERIENCE

NutraForge - Software Development Intern | Remote | *Feb 2025 – April 2025*

- Contribute backend **unit tests** using Deno and Hono in TypeScript
- Use Docker to build and manage isolated dev environments and mock MongoDB instances
- Support code modularity and version control via GitHub, collaborating across sprints
- Integrate OpenAI APIs into backend services for dynamic functionality
- Maintain project workflows using ClickUp, helping ensure efficient team delivery

Vale Mining, Voisey's Bay, NL - Data Analyst / BI Developer | *Oct 2022 – May 2023*

- Built **interactive Power BI dashboards** to optimize **mine operations, ore production, and scheduling**.
- Designed and deployed a **mine activity tracking tool**, streamlining operational workflows and increasing efficiency.
- Conducted **training sessions** for management teams, enhancing **data-driven decision-making**.

Modern Printing Group, Mount Pearl, NL - Operator | *Sep 2015 – Feb 2020*

- Managed full-cycle **signage production**, from client consultation to installation, ensuring high quality.
- Developed **Excel-based sales reports** to support **strategic business decisions**.
- Analyzed operational data to optimize **production efficiency and workflow management**.

NOTABLE PROJECTS

Mine Activity Tracker (Vale Mining)

- Assisted in the development of a **mine tracking system**, analyzing data quality and building dashboards for tracking app effectiveness.
- Collaborated with **cross-functional teams** to refine **data models and reporting accuracy**.

Chess Ladder System (Local Chess Club)

- Designed and implemented a **web-based ranking and ladder system** for local chess competitions.
- Automated **game result tracking** using **JavaScript.**
- Hosted on **Vercel**, providing a lightweight and accessible platform for club members.

EDUCATION

Keyin College – *Software Development Program | September 2025*
Google Data Analytics Professional Certificate *(Coursera, 2023)*
Mount Pearl Senior High – *High School Diploma, 2007*

ADDITIONAL SKILLS

- Strong **analytical & problem-solving** capabilities
- **Passionate** about optimizing **Data & AI** systems
- **Thrive in teams** with experience in **cross-functional collaboration**
- **Self-motivated** and obsessively learning emerging technologies
- Local **Chess Club Coach** always looking for the next **strategic opportunity**

References available upon request