

# FREDERICK GO

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## EXPERIENCE

### Machine Learning Operations Engineer Intern - Production Pipeline Team Lead

May 2024 - Aug 2024

VosynAI Toronto, ON (remote)

- Led a team of 18 people to design and build a pipeline for a global CDN service targeting 200+ million users.
- Conducted agile sprints, assigning tasks and managing progress through weekly meetings.
- Automated Docker image processes using GitHub workflow, integrating with AWS services.
- Architected and provisioned AWS services (Lambda, EC2, ECR, ECS, S3, etc.) to build and maintain the pipeline.
- Acted as the point of contact in a cross-functional environment within the company.
- Written python scripts to process multi-modal data efficiently to deliver a smooth user experience.

### Full-stack Developer (freelance/volunteer)

Dec 2022 - Dec 2023

St. Joseph's Children's Centre Halifax, NS (On-call/hybrid)

- Revitalized and updated the organization's website, on WordPress & PHP, to ensure accurate and current information.
- Addressed prior site neglect, resolving issues promptly and ensuring the site now provides up-to-date information.
- Resolved issues with email inquiries resulting in clients in interest sending emails via a form easily.

### Web Developer (freelance) [Visit]

Jan 2024 - Mar 2024

Parkbom Academic Institution Geoje, South Korea (remote)

- Led the development and launch of a responsive website using NextJS ensuring 99.99% uptime via Vercel.
- Developed a website leading to 20%+ increase in incoming inquiries with many questions answered prior to appointments.
- Collaborated with cross-functional stakeholders to gather feedback including modifying based on business requirements.

## EDUCATION

### Dalhousie University

Sep 2020 – May 2023

Bachelor of Computer Science, Minor in Statistics (GPA: 4.15 / 4.3) Halifax, NS

- Certifications: Communication Technologies and Cyber Security, Data Science

## PROJECTS

### freddiego.dev | NextJS, Sanity.io, TailwindCSS, TypeScript, Vercel, etc. [Visit]

Mar 2024 - Present

- Personal portfolio website showcasing expertise with responsive design, constantly evolving with new features where I test and learn newest and the latest technologies.

### NotifyAll | AWS (EC2, DynamoDB, Lambda...), NextJS, Python, Docker, Vercel, etc. [Demo]

Jan 2023 - Apr 2022

- Developed a SaaS web service with AWS backend and NextJS frontend, aimed to learn Cloud Computing in depth.

### Trello Platform Clone | Java, JUnit, JavaScript, React, Material UI, MySQL, etc.

May 2022 - Aug 2022

- Cloned and built a meeting management platform, Trello, following agile principles.

### Mini Blogs | PHP, MySQL, etc. [View]

Sep 2021 - Nov 2021

- Developed a mini blog website with a focus on server-side scripting and frontend-backend integration.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C#, MySQL, JavaScript, TypeScript, HTML/CSS, PHP, R

**Frameworks:** Next.js, React, TailwindCSS, JUnit, Material UI, Bootstrap

**Tools/Libraries:** Pandas, NumPy, Matplotlib, ScikitLearn, Git, Docker, AWS, VSCode, Wireshark, MongoDB, DynamoDB

**Others:** Vercel, Node.js, Scrum, Agile, RestAPI, IDEs (VSCode, IntelliJ), Figma, Microsoft Office, Slack

## LEADERSHIP EXPERIENCE

### Course Representative - Dalhousie University

- Served as a course representatives for multiple courses to represent the classes.
- Organized feedback, and resolved raised concerns within the classes. Developed strong leadership, and communication skills.

## CERTIFICATIONS & AWARDS

- Google Data Analytics Certificate
- Docker Foundations Professional Certificate
- Sexton Scholar/Distinctions (Dalhousie University): Awarded to those who maintain 3.85+ GPA