

# MANVIBOLREACH OUK

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## EXPERIENCE

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### Impossible Metals

January 2024 - Present

*Full Stack Developer | Collingwood, Canada*

- Led the software documentation and integration of ERP systems and third-party software tools with Amazon API and Google Workspace API to streamline business processes, led to a 25% boost in system efficiency.
- Launched a Google Cloud-based app for employee leave management, and integrated Zenefits API to optimize operations.
- Developed a tasks app with JavaScript & integrated with Asana API, boosted better task efficiency in each department.
- Developed and deployed a robust OAuth2 framework with advanced JavaScript Script on Google Cloud, significantly fortifying Google Drive's security and document control.
- Managed secure and compliant Google Account terminations, employing Google Takeout for data archiving and Thunderbird for encrypted email transitions, which led to the safe transfer of data in the organization.

### Centennial College

January 2023 – April 2023

*Student Research Assistance | Toronto, Canada*

- Modernized career site's full-stack architecture using HTML, CSS, React, Node.js, Express.js, AWS, and MongoDB, enhancing site performance by 20%.
- Optimized database schemas and optimized SQL queries, strengthening data integrity and security.
- Implemented version control guidelines using Git, streamlining deployment and reducing errors.

### Code Jays

October 2022 – December 2022

*Front End Developer Intern | Toronto, Canada*

- Boosted web responsiveness and UI, improving project delivery times by 25% using React, JavaScript, Tailwind, and Firebase.
- Integrated analytics tools for front-end performance, facilitating data-driven interface enhancements.
- Enabled continuous UI refinement by providing the development team with insightful analytics.

### The Peoples Church

August 2022 – December 2022

*Full Stack Developer | Toronto, Canada*

- Launched a web application with integrated payment processing, attracting over 1000 weekly users, utilizing React, JavaScript, Node.js, MongoDB, and AWS.
- Collaborated with cross-functional teams to drive Agile practices, substantially improving the project's SDLC.
- Engineered and deployed scalable software solutions, enhancing user experience and system performance.

## TECHNICAL SKILLS

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**Languages:** JavaScript/TypeScript, Python, Java, C#, SQL, HTML, CSS

**Frontend:** React, Next.js, Angular, Tailwind, Bootstrap, Figma

**Backend:** Node.js, Express.js, Django, .NET

**Database:** Oracle, MongoDB, Microsoft SQL Server

**DevOps:** AWS, Azure, Firebase, Google Cloud, Heroku, Docker, Vecel, GitHub Actions

**Other:** Git, Postman, Unit Testing, Google Workspace, Visio, Linux/Unix, OpenAI, Google Analytic

## EDUCATION

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**Centennial College - Toronto, Ontario** | Diploma of Software Engineering

Graduation Date: May 2023

- GPA: 4.0 (Graduated with Honours)
- Hackathon: UofTHacks
- Courses Reverent: Java – C# – Python Programming | Data Structures & Algorithms | Advanced Database Concepts | Software Testing & Quality Assurance | API Engineering and Cloud Computing | Web Application Development

## PROFESSIONAL PROJECTS

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**Commute Analyzer Web App** | [Link](#)

- Built a commute optimization full-stack web app that is hosted on Google Cloud using Google Maps API and scripting with advanced JavaScript code to inform strategic office location planning.

**Female Empowerment Website** | [Link](#)

- Led and launched an AI-driven website using React and Django to dynamically support and inspire women in STEM fields, brought through a collaborative hackathon (UoftHacks) effort.