

# Issar Manknojiya

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## EDUCATION

### Western University

London, ON, Canada

*Bachelor of Science in Computer Science*

*Expected April 2027*

- **GPA:** 3.5
- **Relevant Courses:** Data Structures & Algorithms, Digital Logic Systems, Software Design, Operating Systems, Intro to Machine Learning, Computer Architecture

## TECHNICAL SKILLS

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

**Frameworks:** React.js, Node.js, Pytorch, TensorFlow, Next.js, FastAPI, NumPy, Pandas, Sckit-Learn

**Developer Tools:** Git, Github, Linux, Unix, Jira, AWS, OpenAI, Cursor, Docker

## WORK EXPERIENCE

### DevFortress

May 2025 – Aug 2025

*Software Engineer Intern*

*Montreal, QC*

- Developed a **TypeScript-based** Obsidian plugin enabling seamless one-command transfer of Markdown notes to Athena AI with sub-300ms latency, preserving metadata such as titles, tags, links, and headings.
- Implemented secure JWT authentication system with token-based API access to Athena AI backend, handling login validation, secure token storage, and authenticated note scraping.
- Ensuring this Obsidian integration builds on **Google Workspace Collaborative Whiteboard** used by **2,000,000+** Google Meet users to sync and secure meet minutes, notes and research at once while accessing real-time AI chat interface directly within their Obsidian knowledge management workflow.

## LEADERSHIP & CLUB EXPERIENCE

### EmpowHERto

Feb 2025 – Apr 2025

*Full Stack Software Developer*

*Toronto, ON*

- Built a financial literacy tool with **React, Node.js, & Auth0 SSO** while implementing a secure **Supabase** backend with row-level access, streamlining login and data security while reducing custom-auth dev by **50%**.
- Developed frontend designs of core user modules (Dashboard, Income, Expenses, Points & Rewards) with 4 other team members using **Figma & AI** cutting UI defects by **80%** and improving development speed by **35%**.

### Western Developers Society

Oct 2024 – Mar 2025

*Backend Software Developer*

*London, ON*

- Helped build the backend features of a campus navigation tool using **React Native and Mapbox API** while using proper Git & version control practices working with 2 other developers.
- Leveraged floor designs for building hours and accessibility options, using GPS data and a custom-built chatbot to provide navigation routing for **30,000+ students**.

## PROJECTS

### Devops Dashboard for Cloud Monitoring 🚀 | *React, Node.js, Grafana, Prometheus, Docker, Kubernetes*

- Built a DevOps monitoring dashboard using Prometheus for metrics scraping, Grafana for visualizations, and a React frontend enabling real-time performance visibility and faster troubleshooting.

### AI Pull Request Dev Tool 🚀🚀 | *React, Next.js, Typescript, TailwindCSS, PostgreSQL, OpenAI*

- Built an AI-powered code review tool for pull request analysis and code quality improvement using Next.js, FastAPI, and OpenAI API reducing manual code review with real time AI feedback.

### Emberforge 🚀 | *C#, Unity, Git*

- Developed 3D action game in Unity with C# in 4-person team, implementing modular class hierarchies, interfaces, and inheritance patterns with technical documentation.

### AI Summarization API 🚀 | *FastAPI, LangChain, OpenAI API, Python*

- Built FastAPI server processing URLs, text, and PDFs into structured JSON summaries with comprehensive error handling for production reliability.