

# Nikan Eidi

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## Objective

Seeking the Junior Web Developer Co-Op position at Osler to leverage my software and database development skills. I possess a strong foundation in web technologies and analytical problem-solving abilities. My unique differentiator is my experience in building full-stack applications and automation workflows. I aim to contribute to Osler by delivering efficient technology solutions that enhance business processes.

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## Highlights of Qualifications

- Proficient in developing responsive web applications using React and Flask.
  - Experienced in creating and maintaining RESTful APIs for seamless integration.
  - Strong understanding of SQL and relational database management systems.
  - Skilled in implementing automated testing frameworks for quality assurance.
  - Knowledgeable in cloud deployment strategies using AWS and Vercel.
  - Familiar with UI/UX design principles and accessibility best practices.
  - Effective communicator with the ability to collaborate across teams.
  - Demonstrated ability to manage multiple projects and meet deadlines.
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## Technical Skills

- **Programming:** Python, JavaScript, TypeScript, C, C++, Bash, SQL
  - **Web Development:** React, Next.js, Flask, HTML5, CSS3, Tailwind CSS, Node.js/Express, REST APIs, Vite
  - **Databases:** PostgreSQL (Supabase), SQLite, PostgreSQL, MongoDB, Supabase (Postgres)
  - **Version Control:** Git & GitHub
  - **Tools:** VS Code, Postman, Jupyter Notebook, Streamlit, Figma
  - **Concepts:** RESTful APIs, Authentication & sessions, Responsive UI/UX, Data cleaning & preprocessing, SDLC, Agile/Scrum, Testing & Debugging, Authentication & Authorization
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## Education

- Advanced Diploma in Computer Programming & Analysis (In Progress) - Seneca Polytechnic
- Machine Learning with Python — Maktabkhooneh (2025)
- Python Programming — Maktabkhooneh (2025)

## Projects

[\*\*CineVision\*\*](#) — AI-powered movie recommendation web app.

- Built using React for the frontend and Flask for the backend.
- Integrated TMDB API for dynamic movie data retrieval.
- Implemented a content-based recommendation engine using TF-IDF.

[\*\*NikanVision\*\*](#) — Portfolio showcasing projects and technical skills.

- Developed with Next.js and Tailwind CSS for a modern look.
- Implemented dynamic routing and reusable components.
- Deployed on Vercel with CI/CD pipelines for updates.

[\*\*Data Structure Visualizer\*\*](#) — Visualizes algorithms using Streamlit.

- Created animations for BFS, DFS, and sorting algorithms.
- Included features for user interaction with adjacency matrices.
- Designed for educational purposes to enhance understanding of algorithms.

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## Experience

**QA / Automation Developer** — Pay Way Less (2024 – Present)

Developed automation scripts using Python and Selenium for testing.

Created comprehensive regression test scenarios and reporting tools.

Collaborated with development teams to enhance software reliability.

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## Activities & Interests

- Building full-stack and AI side projects.
- Algorithm and data structure visualization.
- UI/UX experimentation.