

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.

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.

Activities & Interests

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