

## Software Engineer

**Job Type:** Full-time

### About the Role:

As a **Software Engineer** at DOCEO AI, you will be responsible for building and maintaining the user interfaces and backend services for our AI platform. You will also contribute to the data integration layer that collects, processes, and transforms structured and unstructured data from multiple sources.

### Responsibilities:

- Design and develop scalable, user-friendly **web applications**.
- Optimize web applications for **performance, accessibility, and user experience**.
- Develop and maintain scalable **data pipelines** for regularly ingesting and transforming **structured data**.
- Design and maintain **data pipelines** for complex **unstructured data**, such as HTML/PDF sources (Scrapy crawlers, document processing, table extraction).
- Support analytics and **visualization** needs for educators and administrators.
- Collaborate in managing our **cloud-based compute and storage infrastructure**.
- Apply best practices for **governance and compliance** with privacy regulations, including secure access control, encryption, and role-based permissions across all layers of our application.

### Requirements:

- Bachelor's or master's degree in computer science or a related field.
- 2 – 5 years of relevant experience.
- Proficiency in **Next.js and TypeScript**.
- Experience with **REST APIs** and **WebSockets**.
- Proficiency in **SQL and Python**.
- Experience with **ETL** and **data orchestration tools**.
- Experience with **big data technologies**.
- Experience with **deploying production software** on cloud environments.
- Experience with **containerization and orchestration** tools, such as Docker and Kubernetes.
- Experience with **CI/CD and automation tools** such as Jenkins, GitLab CI, GitHub Actions, or similar tools.

## Work Schedule

- On-site presence required 5 days a week during standard business hours.

## Eligibility Requirements

- Must be a Canadian citizen, permanent resident, or hold an existing valid work permit.

For job inquiries please email resume to [hr@doceo.ai](mailto:hr@doceo.ai)