Enes Yesil

Toronto, ON • (647) 780 6981 • enesy@my.yorku.ca • enesyesil.me • github.com/enesyesil

EDUCATION

York University — Toronto, ON
BSc, Computer Science — Sep. 2021 – Dec. 2025

PwC Canada – Jumpstart Your Career Program — Toronto, ON
Participant (Completed the AWS Cloud Practitioner certification) — Oct. 2024 – Apr. 2025

EXPERIENCE

Fisor Analytics — Toronto, ON
Software Engineer — Apr. 2025 – Sep. 2025

- Built an **AI-powered business intelligence platform** to give SMEs that cannot afford in-house data teams access to **predictive analytics**, macroeconomic forecasting, and automated insight generation.
- Built an **orchestration layer** in **Go** for handling fragmented data workflows, standardizing and automating processes across multiple services to deliver consistent insights.
- Built a data retrieval engine on **Apache Spark**, integrating **MLlib** algorithms (regression, clustering) and custom anomaly detection to generate analytics-ready datasets.
- Implemented a **Redis** in-memory layer for stateful LLM workflows, improving context recall and reducing response latency by ∼**25%** in prototype tests.
- Designed a multi-tenant data lakehouse on **Apache Iceberg** with **PostgreSQL** and **pgvector** for analytics and semantic queries.
- Selected into **Microsoft**, **Cloudflare**, **Databricks**, and **Lassonde BEST** startup programs, securing cloud credits and mentorship.

York University — Toronto, ON
Research Assistant — Mar. 2024 – Mar. 2025

- Documented inclusive design features from academic research and implemented them in an accessibility-focused app supporting **5000+** students with disabilities.
- Built a **React** component library derived from **UX research**, ensuring alignment with accessibility standards to improve usability for students with disabilities.
- Developed a **TypeScript** tool that aggregates web mentions, news, and resources into a central board, helping students with disabilities access updates faster.

Zyfera — Toronto, ON
Software Developer Intern — Jan. 2024 – Aug. 2024

- Built an AI-powered personal finance tool with **Svelte**, **TypeScript**, and **PostgreSQL**, providing simplified calculations and personalized recommendations with user-friendly explanations.
- Implemented **TypeScript** pre-/post-processing functions around **API** calls, lowering costs by **10–30%** and increasing system reliability.
- Implemented **CI/CD** pipelines with **GitHub Actions**, automating deployments across development and production environments.
- Implemented **Edge Functions** with **TypeScript** and **PostgreSQL** to optimize backend performance, reducing backend response time by ∼**15%**.

York University — Toronto, ON
Computing Support Assistant — May 2023 – Present

- Resolved **750+** software, hardware, and network issues while supporting faculty and staff.

PROJECTS

fisor-builder | *Python, Cohere, Perplexity* (GitHub)
- Built a tool that automatically searches the web for datasets, with caching, metrics, simple deployment, and a CLI.

ckm | *Go, Prometheus* (GitHub)
- Created a modular system to simulate how an operating system manages processes and virtual machines.

backenderer | *AWS, Docker, Terraform, GitHub Actions* (GitHub)
- Built a lightweight toolkit that lets students and hobbyists deploy backend apps to the cloud with minimal setup.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Go (Golang), Java, C, Shell, SQL, HTML, CSS
Tools & Platforms: Git, Docker, Linux, GitHub Actions, Terraform, Prometheus, Nginx, AWS, Azure, PostgreSQL, MySQL
Concepts & Methodologies: IaC, REST APIs, CI/CD, Agile, Data Lakes, LLMs, ML, System Design, Microservices, MVC