

YONIS NUR

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SUMMARY

Fourth-year Computer Science student with 8 months of enterprise software development experience in fintech. Built AI-driven testing pipelines that cut manual QA cycles by 65%, automated data workflows saving 60% of report preparation time, and modernized delivery of 200+ financial forms to HTML5. Seeking software engineering or AI engineering roles where I can apply production experience with .NET, Python, and cloud-native tooling.

EDUCATION

York University, Toronto, ON

Bachelor of Science in Computer Science

Expected 2027

Bachelor of Science in Kinesiology, *cum laude*

2023

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C#, SQL, HTML, CSS

Frameworks: .NET, ASP.NET Core, React, FastAPI, LangChain

Cloud & DevOps: Docker, Kubernetes, Ansible, GitHub Actions, CI/CD

Databases: PostgreSQL, Redis, FAISS

Tools & Platforms: Git, Adobe Experience Manager (AEM), REST APIs, Postman, Microsoft Office Products (Excel, PowerPoint, and Word)

WORK EXPERIENCE

Junior Software Developer Intern | BMO, Toronto, ON

Jan 2026 – Apr 2026

- Automated validation for 50+ financial forms by architecting an AI-driven regression testing pipeline with Python and LLM-generated Playwright suites, reducing manual QA cycles by 65% through CI/CD integration.
- Migrated enterprise application from .NET Framework 4.8 to .NET 10, eliminating legacy dependencies and improving system security, performance, and long-term maintainability.
- Engineered SQL and Python data-extraction scripts that reduced manual report preparation by 60%, delivering structured spreadsheets that enabled Product Managers to identify trends and allocate resources faster.

Junior Software Developer Intern | BMO, Toronto, ON

May 2025 – Aug 2025

- Modernized delivery of 200+ enterprise financial forms by integrating .NET services with AEM's OutputService REST API, enabling plugin-free HTML5 rendering alongside dynamic PDF output for mobile and cross-browser support.
- Reduced form deployment cycle time by replacing manual GUI-based exports with a fully automated CI/CD pipeline; developed custom static analysis tooling for XDP scripts and integrated Ansible-driven deployments to detect compatibility issues before QA.
- Designed PowerShell-based automation solutions for key manual processes, delivering an estimated 40–50% productivity gain through faster, error-free execution.

PROJECTS

Earnings Call Intelligence Agent | Python · LangChain · OpenAI · FAISS · RAGAS · FastAPI

- Built a retrieval-augmented generation (RAG) system that ingests 200+ SEC earnings call transcripts, serving accurate financial query responses in under 2 seconds via a FastAPI endpoint.
- Implemented confidence-based routing between GPT-4o and GPT-4o-mini, cutting inference costs by 40% while maintaining 87% answer faithfulness (RAGAS-evaluated).

Financial Event Engine | ASP.NET Core · PostgreSQL · Redis · Docker · GitHub Actions

- Engineered a real-time event monitoring service processing 1,000+ events/sec with idempotent webhook handling and async background workers featuring automated retry and dead-letter recovery.
- Developed a PostgreSQL-backed audit trail ensuring transaction integrity; containerized the full stack with Docker and automated deployments via GitHub Actions CI/CD pipeline.