

Michael Khosho | MichaelKhosho.com

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WORK EXPERIENCE

BMO Financial Group: Capital Markets

February 2025 – Present

Python Software Developer

Toronto, ON

- Build and optimize **trading tools/platforms** for traders handling US/Canadian **stocks, securities, and bonds**
- Develop **RESTful APIs** using **Python, Flask, SQLAlchemy, and Azure DB**, while converting code
- Implement **CI/CD pipelines** with **Ansible, Jenkins, Pytest, & messaging queues** with **RabbitMQ/Celery**
- Configure and optimize **VMs** using **Gunicorn, Nginx, and Azure VM** for high-performance deployments
- Collaborate with teams to align development with trading operations and ensure seamless integration

Revature – CitiBank & BMO Training

September 2024 – February 2025

L2 Production Support & Software Developer

Remote

- Provided technical production support, managing and resolving incidents using **ServiceNow** for CitiBank's **stock-market trading tools and applications**
- Utilized **Python** and **SQL** to collect, organize, and automate data processes, optimizing operational efficiency
- Applied industry-standard frameworks and best practices such as **ITIL, ITSM, and SDLC**, leveraging tools like **Active Directory, HTTP** monitoring, and **SWIFT** to maintain system reliability and compliance
- Monitored system health and performance using **Prometheus and Grafana**

Horizon Digital

July 2021 – February 2025

Software Developer / Data Analyst

Remote

- Collaborated with **cross-functional teams** to design, develop, and deploy web applications using various programming languages, frameworks, and tools
 - **HTML, CSS, JS, Angular, SOAP, Legacy .NET, SQL, Git, Jira, ServiceNow, Caching**, etc.
- Applied **agile development** methodologies and best practices to deliver high-quality, scalable web applications
- Maintained **efficient, modular** codebases to enable rapid feature development and **seamless integration**

EDUCATION

University of Windsor

Completed

Bsc, Computer Science

Windsor, ON

- Relevant Courses Taken: World Wide Web Systems Development, Operating Systems Fundamentals, Object-Oriented Programming Using Java, Data Structures & Algorithms, Computer Architecture: Digital Design

TECHNICAL SKILLS

- **Programming:** Proficient in Python, C#, Java, C/C++, JavaScript/TypeScript, HTML, CSS, Legacy .NET
- **Database & Systems:** SQL, CRUD, RDBMS, SQLAlchemy, Azure DB, Azure VM, Unix/Linux (bash scripting, cron), Active Directory, HTTPS
- **API & Backend Development:** RESTful API, Flask, Controllers, Services, Data Access/Repository, DTOs
- **DevOps & CI/CD:** Ansible, Jenkins, Pytest, Git, GitHub, Service Logging, Caching, AutoSys
- **Messaging & Cloud:** RabbitMQ, Celery, Gunicorn, Nginx, VMware, AWS, Azure
- **IT & Monitoring:** Prometheus, Grafana, ServiceNow, ITIL, ITSM, incident management

SOFT SKILLS

- **Financial & Industry Knowledge:** Capital markets, financial instruments, SWIFT systems, MT Messaging
- **Communication & Service:** Customer service, remote desktop support, effective communication
- **Organization & Problem Solving:** Strong organizational/time management skills, strategic problem-solving