

Ayana Nithey

+1 365-873-7360 | work@ajenaration.com | linkedin.com/in/ayana-n | github.com/ajenaration | [project portfolio](#)

EDUCATION

McMaster University

Honours BSc in Computer Science & Mathematics

2020

EXPERIENCE

Major League Hacking (Contract)

New York, NY

Mentor, Production Engineering

Jul 2024 – Present

- Evaluate Python code and system design to Meta's standards, emphasizing defensive coding and performance
- Increase candidate success by 30% with detailed feedback and targeted coaching through performance analysis
- Analyze performance trends and developed strategies, integrating DevOps lifecycle and production engineering

PC Financial (via Aviva Canada Acquisition)

Markham, ON

Licensed Insurance Advisor

Apr 2025 – Present

- Migrate policy data post-acquisition with 0% data loss by automating CRM mapping and onboarding flows
- Improve CRM scalability and retention KPIs by optimizing policy update flows and automating follow-ups
- Streamline servicing across Direct & Group portfolios by reducing lead-to-bind time by 30%

Rogers Communications (via TCS)

Toronto, ON

Backend Engineer II, Wireless & Digital Development

Apr 2022 – Sept 2023

- Integrated 5G networks via Java-based microservices, achieving -25% latency and +30% speed using AKS
- Implemented cost-saving measures by reducing costs by \$75,000/quarter via Azure Portal across 6 apps
- Designed personalized onboarding flow for users using React & GraphQL, increasing user activation by 25%

Backend Engineer, Retail DevOps

Jun 2021 – Apr 2022

- Engineered system to cut inventory discrepancies by 50% using Java, Spring Boot, PostgreSQL & Kafka
- Managed vendor relationships and streamlined issue resolution via Git-based CD, with a 20% drop in errors
- Integrated ML models into the user recommendation engine, enhancing content relevancy metrics by 30%

Meta & Major League Hacking

New York, NY

Full Stack Engineer, Production Engineering

Jun 2021 – Aug 2021

- Deployed scalable infrastructure using Python, Flask, Docker, and AWS to achieve optimal uptime
- Enhanced security, reliability, monitoring, logging for an EC2 instance and tested endpoints
- Implemented database functionality and caching with Gunicorn, SQLite, Postgres, with Grafana & Prometheus

PROJECTS

FlixList *Python, Flask, CentOS, AWS, Docker*

[GitHub Repo](#)

- Deployed a full-stack watchlist web app using Python, Flask, and Docker on a CentOS VPS hosted on AWS
- Implemented CI/CD with GitHub Actions, including linter checks and integration tests, improving efficiency

Over the Luna *Software Engineer & Assistant Product Manager, Artisanal Startup*

[Rebranded Link](#)

- Redesigned e-commerce experience, boosting sales by 40% via improved UI/UX and payment flow
- Created B2B solutions including custom product configs and educational materials, expanding client reach

ACHIEVEMENTS

Wolfram Research Award

[repo](#)

1st in North America for Hack the Mountain IV & High Performance in Education Category

TECHNICAL SKILLS

Languages/Frameworks: Python, C#, .NET, Swift, Bash, Java, AngularJS, PHP, Spring Boot

Cloud: AWS (EC2, S3, RDS, Lambda), Azure (AKS, Portal), Docker, Kubernetes, GitHub Actions

Databases: MySQL, PostgreSQL, Oracle SQL Developer, SQL Server Management Studio, ELK Stack, MongoDB

Tools: Git, Postman, Terraform, PowerBI, Linux, Dynatrace, JIRA, Grafana, Datadog, Soap, Oracle Commerce BCC

Network/Security: VPN, PKI, SSL, Encryption, Incident Management, Splunk, Vault

AI/ML: Predictive Analytics, MLOps, Model Deployment, API Integration, Scikit-learn, TensorFlow, PyTorch