

SAHIL HALWAWALA

Software Developer - API Development, Cloud Microservices & Test Automation

✉ halwawalasahil0@gmail.com

☎ +1 (548)-577-1696

📍 [Waterloo, ON](#)

in [LinkedIn](#)

🐙 [GitHub](#)

SKILLS

- **Programming:** C#, Java, JavaScript, SQL, Kotlin, Python, object-oriented programming and debugging.
- **Backend & Web Development:** ASP.NET Core, Spring Boot, Node.js, REST, React, Next.js, HTML, CSS.
- **Testing & Quality Assurance:** Postman, Newman, JUnit, XUnit, NUnit, Swagger, API validation,
- **Databases & Integration:** MySQL, PostgreSQL, H2 Database, Firebase, SignalR, Feign, schema design.
- **Cloud & DevOps Tools:** Docker, GitHub Actions (CI/CD), Azure App Service, Render, Jira, Power BI.

WORK EXPERIENCE

Ambassador

Amazon

February 2023 - Present

Ontario, Canada

- Directed structured onboarding for 50+ associates, cutting ramp-up duration by 29% and raising first-month output benchmarks across operational units.
- Orchestrated interdepartmental task flow during peak cycles, sustaining throughput above 96% targets while eliminating backlog accumulation across shifts.
- Evaluated productivity metrics and compliance indicators, sustaining audit ratings above 99% through disciplined enforcement of procedural standards.
- Coordinated and collaborated with leadership teams, closing escalation cases 34% faster and stabilizing daily operational continuity.
- Enforced inspection protocols and documentation accuracy, sustaining 99.4% quality conformity across 1,200+ processed workflow checkpoints.
- Initiated and implemented improvement initiatives by analyzing shift-level performance data, implementing corrective action plans that increased process efficiency by 18%.

PROJECT EXPERIENCE

Task Collaboration Backend API

Full-Stack Backend Developer

- Rebuilt ASP.NET Core framework with JWT authentication and role authorization, aligning security needs with stakeholders to block 40% more unauthorized access attempts.
- Structured REST endpoints handling creation, updates, archiving, pagination, and caching, lowering average response latency by 35% across 10K+ requests.
- Orchestrated Docker container releases via GitHub Actions pipeline, cutting deployment faults by 50% and stabilizing delivery across staged environments.

Order Management Microservice (Spring Boot)

Backend Developer

- Engineered order-processing APIs with Feign validation logic, raising transaction success consistency by 32% across high-volume service requests.
- Devised feature-flag discount engine through Unleash integration, shortening promotion activation timelines by 45% across configurable campaigns.
- Containerized services using Docker with actuator telemetry and logging, expanding observability coverage by 38% across runtime performance metrics.

Fitness Tracker API (.NET Web API)

Backend Developer

- Constructed validated REST endpoints for workout data management, cutting malformed request frequency by 36% across client submissions.
- Delivered Swagger testing interface and structured documentation, reducing developer integration time by 41% across onboarding cycles.
- Released cloud-hosted API through Azure pipeline automation, increasing deployment reliability by 47% across continuous delivery iterations.

EDUCATION

Advanced Diploma in Computer Programming & Analysis

Conestoga College, Waterloo, Ontario, Canada

September 2023 - April 2026