

# Gong (Victor) Feng

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## Summary of Qualification

- 4+ years of programming experience with expertise in **Java, C#, JavaScript, TypeScript, Python, C and C++**.
- 2+ years of **full-stack development** experience, including **REST API design, microservices architecture, and cloud-based solutions**.
- Proficient in **frontend frameworks** (Angular, React) and **backend technologies** (Spring Boot, REST APIs, SQLite).
- Strong experience in **test automation** using **Playwright, Robot Framework, and Selenium**, ensuring high-quality software delivery.
- Skilled in **agile methodologies, CI/CD pipelines, containerization** (Docker), **orchestration** (Kubernetes), and **version control systems** (Git, GitHub) for collaborative development.
- Passionate about **Clean Architecture, Domain-Driven Design, and Data Structures & Algorithms**, with a proven track record of delivering scalable solutions.

## Professional Experience

**Canada Revenue Agency** – Ottawa, ON.

May 2024 – Jan 2025

**Full Stack Developer** – *Criminal Investigation and Integration Services Team*

- Contributed to the migration of a legacy desktop application to a modern **web-based platform** using **Angular** and **RxJS observables**, improving accessibility and user experience.
- Designed and implemented **REST APIs** to integrate complex backend systems, enabling seamless data retrieval and processing.
- Developed **responsive user interfaces** and optimized frontend performance, reducing load times by **20%**.
- Conducted **end-to-end testing** using **Playwright**, ensuring robust functionality and user workflow validation.

**Magnet Forensics** – Waterloo, ON.

May 2023 – Aug 2023

**Software Developer (COOP)** – *Artifacts Mobile Team*

- Contributed to the development of **Magnet AXIOM**, a flagship forensic software, by implementing new features and optimizing data extraction processes.
- Designed **artifact schemas** and developed **data parsers** using **SQLite, Protocol Buffers, and FlatBuffers**, improving data recovery efficiency by **8%**.
- Wrote and executed **unit tests** using **Moq**, ensuring code reliability and maintainability.

**Nokia** – Ottawa, ON.

Sep 2022 – Dec 2022

**Software Developer in Test (COOP)** – *Netguard Cybersecurity Dome Team*

- Developed **integration and end-to-end tests** using **Robot Framework** and **Selenium**, enhancing product quality and reducing defect rates by **10%**.
- Optimized **GitLab CI/CD pipelines** to automate test result uploads to **Jira** and **Xray Test Management**, improving testing efficiency and tracking.
- Collaborated with cross-functional teams (Dev, DevOps, ML) to deploy and test services, including **GraphQL** and credential management systems.

## Education

**Bachelor of Applied Science – Software Engineering (COOP)**

Sep 2020 – Dec 2024

University Of Ottawa – Ottawa, ON.

- **CGPA: 9.49/10 | Dean's Honor List (every semester) | Graduated with Summa Cum Laude**