Jeffrey Wong

Ann Arbor, Michigan, United States

EXPERIENCE

Cloud Software Engineer EV Digital Design – Ford Motor Company

1 American Rd, Dearborn, Michigan, United States 48126
11/25/2025 – Present

- Develop **Spring Boot Java** Web Server pipeline for Vehicle Commands.
- Worked closely with vehicle platform teams to triage edge cases, support on-call bug discovery cases and implement alerting through **Grafana**.
- Participated in platform design discussions with system architects, emphasizing scalability, fault tolerance, and responsiveness in vehicle-to-cloud interactions.

Software Platform Developer [Backend/Cloud Infra] – Bell Mobility Inc.

5115 Creekbank Road, Mississauga, Ontario, Canada L4W 5R1
09/06/2022 – 11/15/2025

- Develop API endpoints for automating the process of multi network provision, reduced processing time from weeks to hours.
- Develop Kafka event driven **server-less apps** in **Java** for 5G network slicing.
- Create GCP cloud run parser in **Scala** for ingesting bucket data.
- Managing containerized applications using **Kubernetes** through setting up and managing **Gitlab CI/CD** pipelines for automated testing and deployment.
- Create Slack app with YAML for pipeline visibility and reporting.
- Empowered site reliability engineers through **documentation of new software** with necessary data to build KPI's.

Software Developer Intern [FullStack] – Bell Mobility Inc.

5115 Creekbank Road, Mississauga, Ontario, Canada L4W 5R1
05/03/2021 – 08/28/2021

- Developed inventory management web app to track and predict seasonal demand for telecommunication related supplies.
- Utilized **Python w/ Django**, SQL, and React & designed REST API Schema.
- Collaborated with clients to understand their business needs and develop technical solutions through frequent deployments.
- **Reduced time** needed by RF Engineers for inventory management by **40%**.

Software Developer Intern [Mobile] – Bell Mobility Inc.

5115 Creekbank Road, Mississauga, Ontario, Canada L4W 5R1
05/06/2019 – 08/24/2019

- Developed a network calculator within existing Android code base (Java and XML), **enhancing RF Engineers' efficiency by 30%**.
- Processed user input through network-specific functions.
- Designed an intuitive UI for displaying cell phone and radio specs.

PAST PROJECTS

Hobby Mechanic and Amateur Motor Sports Open Lapping

2021 – Present

- Experience working on German vehicles. Experience in diagnosing and repairing issues utilizing tools and software to identify problems.

AWS EC2 OpenVPN Server

Sept 2023

- Created RSA keys/certs within Linux and enabled mobile connectivity.
- Navigated AWS security rules, storage configs and VM creation process.

LINKS/CONTACT INFO

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https://shinytinyninja.github.io/

EDUCATION

University of Western Ontario

London, Ontario, Canada
Sept 2018 – August 2022

Bachelors of Science;
(4 year) Specialization in Computer Science
Focus in computer networks, software testing, databases, parallel programming, and project management.

TN Status – CSA Eligible

AWARDS

Winner – Bell Canada

Received 2024 Innovation and Excellence Award for efforts related to modernization. Recognized by VP and awarded cash bonus.

1st Place – Western University Engineering Competition

Top team in Programming, created a multi threaded solution for the travelling salesman problem.

Entrepreneurship Award – HackWestern University Hackaton

Recipient award given by venture capital firm for "MailSafe", an in browser extension to harden financial security by reduce phishing through independent sender verification.

SKILLS

Technical

Python, Scripting, JVM[Kotlin, Java, Scala], Kubernetes, Google Cloud, Arduino, C++, Linux, Terraform, MongoDB, Kafka.

Collaboration

Jira & Confluence, Agile workflows involving Scrum & Kanban, DORA metrics.

Training's

OWASP Top 10 Security Practices, GCP Data Engineering Learning Path (Exam prep).

Soft Skills

Developing Effective Business Presentations (Nov 2022)