Kieran Colford

Summary of Qualifications

- Extensive professional work experience gained across many business structures (startup, government/military, finance) and technologies (frontend, backend, infrastructure, machine learning, mobile).
- Successfully delivered projects individually and as a team in private and open source settings.
- Consistently recognized as a hard working, self-motivated team leader.
- Canadian Citizen

Languages	Rust, C/C++, C#, Go, Java, Python, Javascript/NodeJS, SQL, and Swift	**Devops**	GIT, Github, Gitlab, Jenkins, CircleCI, TravisCI, Docker, Vagrant, and Ansible
Cloud	AWS, Digital Ocean, Google Cloud, Firebase, Heroku, Open Stack, Cloudflare, and Netlify	**Technologies**	Linux (Arch Linux), GatsbyJS, PWA, Tensorflow, WebAssembly, and PostgeSQL
Frameworks	Cordova, React, .NET, Native iOS, Rails, Django, and Native Android	**Business**	Scrum, Agile, Slack, Trello, and Requirements Gathering

Experience

2014–present — **Candidate for Bachelor of Computer Science**, *University of Waterloo*, Waterloo, Ontario, Term 3B.

Jan.–Apr. 2019 — **Senior Development Lead**, *R.C.A.F Aerospace Warfare Centre, Innovation Lab*, Kitchener, Ontario.

- Provided guidance and mentorship to junior developers based on experience gained in multiple technical roles.
- Designed, developed and deployed first mobile financial processing application from problem definition through fleet-wide adoption.
- Led the adoption of best practice software development life-cycle tooling including CI/CD, containerization and cloud services.
- Deployed first innovation lab promotional site by collaborating with business stakeholders.

Sept. 2017–Apr. 2018 — **Fullstack Software Developer**, *University of Waterloo, Computer Science Computing Facility*, Waterloo, Ontario.

- Used machine learning to design and build an Optical Character Recognition pipeline.
- Maintained and improved software and services essential to university operations.
- Converted a large legacy code base from Python 2 to Python 3.

May.–Aug. 2016 and Jan.–Apr. 2017 — **Fullstack Software Developer**, *BlueRover*, Kitchener, Ontario.

- Engineered a trend analytics engine that identifies potential hazards in food preparation thanks to data provided by the I.O.T. (Internet of Things) infrastructure.
- Maintained and expanded major product offerings using innovative tools and techniques.
- Independantly developed a multitude solutions for our existing product base in an agile environment.

97 Arundel Ave. – Toronto, ON, M4K 3A3 – Canada

✉ *kieran@kcolford.com* • 🌐 *www.kcolford.com* • in *kierancolford*

🐙 *kcolford* • *StackOverflow: randomusername (over 6,000 reputation)*