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

Education

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

Experience

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.

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.
- Independently developed a multitude solutions for our existing product base in an agile environment.

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