Dan Cecile *he/him*

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Canada (remote, Eastern Time) ⊙

Senior Full-Stack Software Engineer

View my portfolio website at dcecile.github.io ↗

I have **14+ years of experience** making high quality software, with an emphasis on best practices and effective communication. I'm dedicated to the success of my team through learning, mentoring, and constant iteration.

Tech skills

C# · CI/CD · code review · CSS · data analysis · debugging · Django · FP · GCP · Kubernetes · PostgreSQL · Python · React · Redis · scale · security · system architecture · testing · TypeScript

Work history

Meya / Software Engineer .... **May 2018 – November 2022**

- Collaboratively designed and implemented a new secure, scalable, **event-oriented**, multi-tenant architecture for our chatbot platform built on **Python**, **WebSockets**, **Redis Streams**, **PostgreSQL**, **Kubernetes**, and **GCP**
- Enabled surge scale-up using **Gatling** tests, custom work-limiting metrics, and **Kubernetes** HPA
- Created **React / TypeScript** and **Flutter** chat SDKs, including UX and API design for innovative new features
- Drastically reduced end-to-end platform latency through benchmarking and **source-level profiling**
- Upgraded the developer experience of our workflow language, adding aliases, **type checks**, and **tail calls**
- Coded **integrations** using **REST APIs** and **webhooks** with mocked payload and event stream tests
- Built a developer CLI (**Click**) and web console (**React**), connected to **nginx**, **Django**, **GraphQL**, and **Git**
- Launched a **React / Rappid** visual flow editor with templates, inline docs, and full programmability
- Boosted performance and unlocked key log searches by compiling **Lucene** to windowed, index-aware **SQL**
- Improved QC processes: **code reviews**, **unit tests**, **CI/CD**, staging releases, checklists, monitoring, and alerts
- Directly supported customers via Slack chat, async videos, **log tracing**, **debugging**, and **pair programming**
- Self-managed solo projects from brainstorming, design, coding, documentation, to release and onboarding

Sonova / Software Developer, Senior Software Developer .... **December 2009 – January 2018**

- Developed **C#** hearing instrument manufacturing software with **code reviews**, **integration/unit tests**, and **CI**
- Collaborated on **requirements**, **integrations**, and **debugging** with dev teams and production staff worldwide
- Created and optimized ad hoc data analysis **SQL** queries to investigate bugs and business concerns
- Triaged tasks, coordinated iterations, prepared releases, built internal tools, and mentored team members

Startup skills

active listening · async · collaboration · continuous improvement · curiosity · customer success · learning on-the-fly · mentoring · nondualism · ownership · product thinking · shipping · tenacity

Education

University of Waterloo / Bachelor of Computer Science (Co-op, Graduated with Distinction)