



Dan Cecile he/him

Senior Full-Stack Software Engineer

View my portfolio website at dcecile.github.io ↗

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Canada (remote, EST) 🌐

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 CSS data analysis debugging Django FP GCP Kubernetes Node.js
PostgreSQL Python React Redis scale security system architecture TDD TypeScript

Work history

Meya / Software Engineer 2018–2022

- Designed and implemented a new secure, scalable, event-oriented, multi-tenant architecture for our chatbot platform using **Python**, **NaCl**, **WebSockets**, **Redis Streams**, **PostgreSQL**, and **Kubernetes**
- Created **React / TypeScript** and **Flutter** chat UI SDKs, server-programmable via a custom **YAML / Jinja** DSL
- Drastically improved end-to-end platform latency through benchmarking and source-level profiling
- Enabled surge scale-up using **Gatling** tests, custom work-limiting metrics, and **Kubernetes** HPA
- Coded and maintained deep integrations with external services via **REST APIs** and **webhooks**
- Created a developer **React** web console and **Click** CLI connected to **Nginx**, **Django**, **GraphQL**, and **Git**
- Launched two iterations of a new company website using **Next.js**, **Node.js**, and **Prismic CMS**
- Directly supported customers via Slack chat, async video clips, log tracing, and pair programming
- Managed own solo projects through brainstorming, design, coding, release, and customer onboarding

Sonova Group / Software Developer, Senior Software Developer 2009–2018

- Collaborated closely with dev teams and production staff worldwide, building **C#** manufacturing subsystems designed to support the launch and service of our full range of hearing instruments
- Retrofitted multiple desktop apps to support **i18n**, managed **l10n** tools and processes for 8+ languages
- Analyzed data with ad-hoc **SQL** queries to investigate bugs and business concerns
- Presented technical summaries (with appropriate data visualization) to managers and other teams
- Triaged tasks, coordinated iterations, improved processes, and mentored team members

Startup skills

active listening async bias to action 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) 2004–2009