

Dan Cecile he/him

Senior Full-Stack Software Engineer

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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 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 our **YAML / Jinja** workflow language, adding aliases, type checks, and tail calls for improved DX
- 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**
- Managed own 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
- Triage 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)