



EXPERIENCE

ETHGlobal – Engineering Lead

Sep 2021 – Present

- First full-time engineer, built the platform – a GraphQL API using Typescript, Node, Prisma, MySQL with Vitess using Planetscale, with authorization, auditing & logging, scaling to 150k+ users, with support for 1M+
- Built internal dashboard using React, Next.js, Tailwind & automations using cron & queues, to support operations for running 50+ online and in-person hackathons & conferences
- Led the implementation of the web experience for 80k+ event attendees & applicants on ethglobal.com, contributed to launching new products – educational platform & membership for community members
- Led efforts on planning & prioritization, technical designs, interviewing, hiring & SWE internship program

Dialogue

Senior / Staff Software Engineer – Technical Lead

Apr 2019 – Sept 2021

- Lead the team building a medical chatbot using Rasa, enabling 4x teams to automate clinical operations
- Debugged & scaled systems and databases to support over 10x load in response to COVID-19
- Worked on new products & markets to expand areas of care offered, launched cognitive therapy (iCBT)
- Contributed to planning, prioritization, leading technical designs, mentoring, interviewing & hiring

Software Engineer

Jun 2018 – Apr 2019

- Built the REST API for the Dialogue user-facing applications, interfacing with all backend services
- Migrated infrastructure and services (ECS, serverless) to a new region to start business operations

Coursera – Software Engineering Intern, Infrastructure & Growth

2017 | Mountain View, CA, US

- Built architecture to modularize dependency management across 60+ React apps powering coursera.org
- Optimized performance of API calls made during server rendering achieving a 40% reduction in latency
- Built tooling for real user monitoring, enabling engineers to measure performance across coursera.org

Hack the North – Organizer & Platform Lead

2016 - 2018 | Waterloo, ON, CA

- Co-led the platform team, conducted hiring, 1-on-1s, mentoring, planning & execution on technical projects
- Led development of the attendee dashboard, built using React & Redux, used by 10k+ people

FreshBooks – Software Developer Intern

Summer 2016 | Toronto, ON, CA

- Developed features on Python & Ruby based services for auth, billing, mailing, conversations & file upload

Hootsuite – Software Engineering Intern

Fall 2015 | Vancouver, BC, CA

- Migrated frontend to React & Flux architecture, built UI components to achieve modularity & scalability

PROJECTS

Tutr – Live 1:1 tutoring marketplace for university students with payments, bookings & virtual classroom

React Native QR Code – Open-sourced React Native library for plug and play QRCode scanning

EDUCATION

OnDeck – ODF6, Founder Fellowship

2020

fast.ai – Deep Learning for Coders

2020

University of Waterloo – B.S. Computer Science

2013 – 2018 | Waterloo, Canada

SKILLS & TOOLS

Development & Design

Typescript, Node, React, Next.js, React Native, GraphQL, Python, FastAPI, Postgres, MySQL, Redis, MongoDB, Tailwind, CSS, Interface design, Figma

Infrastructure

AWS, GCP, Vercel, Serverless, Kubernetes, CI/CD