MOAAZ SIDAT
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EXPERIENCE

ETHGlobal – Engineering Lead   Sep 2021 – Present
- First full-time engineer, built the ETHGlobal GraphQL API using Typescript, Node, Primsa & MySQL with Vitess, with authorization, auditing & logging, scaling to support 200,000 users and 30 requests per second
- Built internal operations dashboard using React, Next.js, Tailwind & automations using cron & queues, to support operations for running 90+ online and in-person hackathons & conferences
- Led the implementation of the web experience for 140,000+ event attendees & applicants on ethglobal.com, contributed to launching new products – onchain membership & an educational platform
- 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 medical chatbots, automating clinical operations & improving efficiency by 50%
- Analyzed & scaled systems and databases to support 2.5M+ Canadians, 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
- Built services & APIs for auth, billing, mailing, conversations & file upload for accounting workflows

PROJECTS

Project Cat ⊡ – 3D printed autonomous platform for snow blowing and lawn mowing
Spacedex ⊡ – Automatically generate spaced repetition flashcards for any topic
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
Python, Typescript, FastAPI, Node, React, Next.js, React Native, GraphQL, Pytorch, Tensorflow, MySQL, Postgres, Redis, MongoDB, Tailwind, CSS, Onshape

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