

# Nabeel Eledroos

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## EXPERIENCE

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### Software Engineer

July 2021 – Present

*Intuit*

*Mountain View, CA*

- Reduced SKU launch time from months to days by architecting a Kotlin service that consolidated feature-access and subscription logic spread across every QuickBooks page - freeing product and marketing teams to access pricing configurations without engineering involvement. Scaled to **2,000 TPS in production**.
- Identified an unmet need during a hackathon and **built a full-stack developer platform** that gave internal teams a self-serve UI to create and manage feature configurations without any code changes, **accelerating service adoption by 60%**.
- As **sole technical lead**, owned end-to-end integration of a feature management platform into QuickBooks' core legacy backend **servicing 6M customers** - designing, implementing, and rolling out with zero disruption to existing user flows, and ensuring future SKU launches require no backend code changes.
- Shipped QuickBooks Free by **owning the limit-enforcement layer** across multiple features. Validated the feature management platform's architecture by spinning up the new SKU primarily through config, **driving a 10% increase in upsell conversion**.
- Eliminated a cross-team data dependency and **improved downstream API latency 6x** by designing a distributed PySpark batch pipeline to backfill a Cassandra cache with 40M user subscription records - giving our team full ownership over the customer experience without relying on an upstream service.
- Mentored three engineers through their first major projects - guiding each from onboarding through independent ownership of production features. All three have since been promoted.

### Software Engineering Intern

May 2020 – Aug 2020

*Intuit*

*Mountain View, CA*

- Designed and shipped a personalized in-product discovery experience in React — including an overflow menu with save functionality — increasing user engagement 45% and surfacing behavioral data for the product team.

### Software Engineering Intern

May 2019 – Aug. 2019

*F5 Networks*

*Billerica, MA*

- Refactored legacy Bash scripts across the core OS of a network load balancer, **reducing system boot time 20% and improving long-term maintainability**.
- Built a Dockerized Python service enabling clients to interface with an external configuration database, removing a previously manual integration step.

## EDUCATION

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### University of Massachusetts Amherst

Amherst, MA

*Bachelor of Science in Computer Science, Minor in Math, Commonwealth Honors College*

*Aug. 2017 – May 2021*

## PROJECTS

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### Fossil Money | *Typescript, CSS, SQL*

- Built a "follow the money" tool for climate accountability - essentially a web app that shows users their politicians based on region and where they stand when it comes to climate issues, especially on fossil fuel.

### Gesture Controlled Car | *Arduino, Java*

- Developed **Arduino** code for a Raspberry Pi microprocessor to wirelessly translate hand gestures from a Myo armband to movement commands for a remote-controlled car.

## SKILLS

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**Languages:** Typescript, Javascript, Kotlin, Python (NumPy, Pandas, Matplotlib, PyTorch, PySpark), Java, Bash

**Frameworks:** React, Node.js, Apollo GraphQL, Next.js, Astro, PostgreSQL, Redis, JUnit

**Developer Tools:** Git, Docker, Kubernetes, AWS, Jenkins, ArgoCD

**Interests:** Graphic Design, Videography, Photography (Adobe Premiere, After Effects, Lightroom)