

# Faisal Sayed

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## Education

### University of Waterloo

Bachelor of Software Engineering, Honours, Co-operative Program

Waterloo, ON

2024 – Present

## Technical Skills

**Languages:** Python, Ruby, C/C++, SQL (Postgres, MySQL), Swift, JavaScript, TypeScript, Dart, HTML/CSS

**Frameworks:** React, Next.js, Node.js, Flask, Flutter, React Native, Electron, WordPress, Material-UI, FastAPI, GraphQL

**Developer Tools:** Git, GitHub, Docker, AWS, Google Cloud Platform, Firebase, VS Code, XCode, Figma, MongoDB

**Libraries:** pandas, NumPy, Matplotlib, Shadcn UI, Tailwind CSS, Express, Puppeteer, Open AI, Prisma

## Experience

### Product Engineering Intern

Sept 2025 – Dec 2025

Whop Inc

Brooklyn, NY

- Built and shipped a **courses platform in Ruby on Rails**, now serving **30-40K DAUs** across merchants and buyers
- Developed creator adoption tools and infrastructure enabling seamless content monetization for Whop's marketplace

### Member of Technical Staff

Sept 2025 – Dec 2025

NOX Devices

San Francisco, CA

- Architected **RPLY Agent**, a privacy-preserving personal AI agent integrating iMessage, Apple Notes, and browser history using a **split-agent architecture** with local and server components
- Designed a **hive-mind communication protocol** between local agents handling private data and master coordination agents, enabling contextual assistance without compromising user privacy

### Software Engineering Intern

Aug 2024 – Aug 2025

Wispr AI

San Francisco, CA

- Designed and shipped a **custom SwiftUI markdown editor**, powering Wispr's notes feature for **100K+ users**
- Launched **in-app notifications** across iOS and desktop, driving measurable increases in engagement and retention
- Integrated **monetization flows with RevenueCat**, increasing iOS revenue by **20% in one quarter**

### Software Engineer, Voluntary Service Program

Sept 2023 – Aug 2024

The Hack Foundation (Hack Club)

Shelburne, VT

- Built an internal **Slack productivity tool** (Node.js, Express, PostgreSQL) used daily by **100+ staff and volunteers**
- Spearheaded a **\$10,000 grant program**, mentoring **100+ teenagers** to publish iOS apps using SwiftUI and React

### Founding Software Engineer

Mar 2023 – Aug 2024

Dimension

- Developed and scaled a **full-stack platform** (Next.js, TypeScript, TRPC, Prisma, Tailwind) adopted by enterprise
- Contributed directly to Dimension's **\$1.4M Seed → Series A fundraising** by leading core product development
- Led a team of 3 engineers, integrating with **GitHub, OpenAI, Slack, Linear, Auth0** to streamline workflows


### Full Stack Developer

Apr 2021 – Mar 2023


Functional Paradigms

- Delivered cross-platform **insurance apps** (Flutter, Firebase) at Aditya Birla Life Insurance, deployed to **100K+ users**
- Built an edtech platform, **The Homework App**, scaling to **1M+ downloads** and improving student-teacher collaboration


## Projects

**Hack the Geese (Hack the North Winner)** | *React, Next.js, Go, Prisma, PostgreSQL, Vercel* 

- Won **Hack the North 2023** with a 1v1 game combining **AI-generated prompts** and real-world badge scanning
- Attracted **hundreds of players**, pioneering **event-game integration** at North America's largest hackathon

**Firefiles** | *TypeScript, React, Next.js, MySQL, AWS, Tailwind, Firebase, Sendgrid* 

- Built an **open-source enterprise file-sharing platform**, adopted by **1,000+ active users**
- Ranked **#2 Product of the Day** on Product Hunt and gained **300+ GitHub stars**
- Secured a **600K INR grant** from FOSS United to accelerate product development

**No Ghibli Chrome Extension** | *Python, TensorFlow, Flask, Chrome API, JavaScript* 

- Created a viral **ML-powered Chrome extension** filtering AI Studio Ghibli art from Twitter feeds
- Fine-tuned a custom **TensorFlow model (87% accuracy with only 84 images)** for real-time image classification
- Went viral with **1.5M+ impressions**, including **10K+ likes, 700K views, and 700+ retweets**