

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

Software Engineering Intern

Aug 2024 – Present

Wispr AI

San Francisco, CA

- Developed a full-stack web application using Next.js and Supabase prototyping the core product, gained **100k+ visits**
- Developed various features using Swift UI, Electron, and Python enhancing the desktop app and improving experience
- Built a better user management system in the back-end using Python, Flask, and PostgreSQL

Software Engineer, Voluntary Service Program

Sept 2023 – Aug 2024

The Hack Foundation (Hack Club)

Shelburne, VT

- Developed an internal tool using Node.js, Express, Slack API, and PostgreSQL to improve productivity across teams
- Spearheaded a **\$10,000 USD grant program** to inspire **100+ teens** to develop iOS apps using Swift UI and React Native
- Contributed **50K+** lines of code in TypeScript, Ruby, and Swift UI to an established codebase via Git and GitHub

Founding Software Engineer

March 2023 – Aug 2024

Dimension

Mumbai, India

- Developed a full-stack web platform using Next.js, TypeScript, Prisma, TRPC and TailwindCSS from ground up
- Led the product development from Seed to Series A stage, successfully helping raise **\$1.4M in funding**
- Led a **team of three** and spearheaded the development efforts of the core platform on the web
- Integrated various API systems such as GitHub, OpenAI, Linear, Slack, and Auth0 in the product

Full Stack Developer

April 2021 – March 2023

Functional Paradigms

Mumbai, India

- Developed a full-stack mobile app using Dart, Flutter, and Firebase for one of the largest insurance firms in India
- Developed cross-platform applications using Flutter for an edtech company *The Homework App*, gaining **1M+ users**
- Developed various features for the cross-platform mobile application for Aditya Birla Life Insurance, used by **100k+ users**

Projects

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



- Aimed to solve the problem of breaking the ice, developed a 1v1 social game for players to make new friends at HTN
- Used AI to generate challenge prompts, encouraging users to take selfies and interact with people at the event
- First team to ever implement** the badge-scanning functionality and combine real elements at the event with the project

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



- Developed a fully open-source full-stack web-based file management platform focused towards enterprises
- Ranked **#2** on Product Hunt as Product of the Day, gained **300+ stars** on GitHub and used by **1000+ users** actively
- Received a grant worth **600k INR** from FOSS United foundation to accelerate the development of the project

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



- Built a machine learning-powered Chrome extension to automatically filter AI Studio Ghibli artwork from Twitter feeds
- Fine-tuned and deployed a custom TensorFlow model achieving 87% accuracy with minimal training data (84 images)
- Implemented real-time image classification using DOM mutation observers to detect and remove content from user feeds
- Went viral with **10K+ likes**, **700K+ views**, and **700+ retweets** generating **1.5M collective views** across Twitter