Yash Rohatgi

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EDUCATION

University of Waterloo
Bachelor of Computer Science *Waterloo, ON*
- Cumulative average: 90.8%, GPA: 3.9

SKILLS

Languages: Python, Typescript, Javascript, C/C++, Java, R, C#, SQL, Bash, HTML/CSS, Racket, Dart
Technologies: React, React Native, AWS, MongoDB, Express.js, Node.js, Redis, GCP Kubernetes, Docker, Tensorflow

EXPERIENCE

Software Engineering Intern January 2024 – Present
Datadog *New York, NY*

- Implemented support for **Amazon EventBridge**, empowering **400000+** Cloudcraft customers to visualize and budget their EventBridge resources in real-time.
- Integrated Datadog's **SQL** aggregation of **AWS** and **Azure** resource data into Cloudcraft, streamlining user experience when designing, budgeting, and visualizing cloud-based distributed systems.

Software Engineering Intern May 2023 – August 2023
BitGo *Palo Alto, CA (remote)*

- Led development of AVAX blockchain transfers for BitGo's **NextJS** app, enabling **1500+** customers to stake and earn rewards on their AVAX holdings.
- Migrated crucial frontend features, including wallet creation and legacy Bitcoin wallet support, into the new BitGo web app, facilitating the transfer of **80%** of all BitGo cryptocurrency holdings into new wallets.
- Developed and deployed **70+** bug fixes, ensuring a smooth beta release for the new, highly performant user interface of the BitGo web app.

Fullstack Developer September 2022 – December 2022
Voiceflow *Toronto, ON*
- Spearheaded the development of a new low latency **NestJS** microservice using **GCP Kubernetes**, **AWS**, **Redis**, and **Typescript** to shadow test beta machine learning features in production.
- Implemented user activity tracking throughout Voiceflow app using **Segment API**, strengthening operational decision making and new feature development.
- Shipped major frontend features, such as model import/export, user onboarding, and machine learning integrations in **Typescript React** web application.

Frontend Software Developer January 2022 – April 2022
Brickeye (formerly AOMS Technologies) *North York, ON*
- Built and refined **50+** custom UI components for **React Native** mobile and **React** web applications as a part of design overhauls and the implementation of new features.
- Researched and developed **3** proof of concept applications for client-requested features using **Flutter**, **Zapier** automations, and **AWS S3**.
- Developed **150+** patches and hotfixes for UI and functional issues, resulting in **50%** fewer support tickets.

Full Stack Web Developer May 2021 – August 2021
Imagine Communications *Waterloo, ON*
- Automated translation of **1000+ MSSQL** functions to **PostgreSQL** using a custom **Python** script.
- Wrote automated unit tests for **40+** API endpoints using **Jasmine** and **Protractor** modules with **Typescript**.
- Developed custom **C#** database migration tool to transfer customer data from **MSSQL** to **PostgreSQL**.

PROJECTS

nütrient *github.com/rohatgiy/nutrient*

- Developed a daily nutrient tracker designed to help **30+** active users record nutrient consumption.
- Frontend designed using **React** with **Bootstrap** to create a robust UI with **5+** responsive webpages.
- Backend is a **RESTful API**, built using **Node** and **Express**, that communicates with **MongoDB** database using **Mongoose**.
- Encrypted passwords using **bcrypt.js**, user authentication handled using **Passport.js**.