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++, Kotlin, Java, R, C#, SQL, Bash, HTML/CSS, Racket, Dart
Technologies: AWS, GCP, Kubernetes, Docker, React, React Native, MongoDB, Express.js, Node.js, Redis, Datadog

EXPERIENCE

Software Engineering Intern
May 2024 – Present
BitGo — *Palo Alto, CA*

- Designed and implemented pinned wallets, a feature that was highly requested by several large customers, from whiteboard to rollout, increasing customer satisfaction (net promoter scores) by **10%**.
- Rectified long-standing security issues by implementing HMAC HTTP request verification across distributed microservice architecture at scale, blocking man-in-the-middle attacks and reducing unauthorized access attempts by **60%**.
- Collaborated with a cross-functional team to automate onboarding for BitGo's trading platform, enabling Mt. Gox creditors to trade approximately **$4 billion** worth of Bitcoin assets.

Software Engineering Intern
January 2024 – April 2024
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.
- Enriched Cloudcraft with Datadog service metadata, enabling third party integrations (Slack, Github, Pagerduty), filtering, and grouping by Datadog service, resulting in a **20%** increase in user retention.
- Migrated Cloudcraft codebase to Datadog monorepo, retaining **7+** yrs. of commit history and moving **Github Actions** workflows to **GitLab CI/CD**, cutting CI costs by **50%** and improving developer experience through the use Datadog's internal tooling.

Software Engineering Intern
May 2023 – August 2023
BitGo — *Palo Alto, CA*

- 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.

Fullstack Developer
September 2022 – December 2022
Voiceflow — *Toronto, ON*
- Spearheaded the development of a new low latency **NestJS** microservice using **Kubernetes**, **AWS**, **GCP**, **Redis**, and **Typescript** to shadow test beta machine learning features in production.
- Shipped major frontend features, such as model import/export, user activity tracking (**Segment**), and NLU management in **Typescript React** web application.

Frontend Software Developer
January 2022 – April 2022
Brickeye (formerly AOMS Technologies) — *North York, ON*
- 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*
- Developed custom **C#** database migration tool to transfer customer data from **MSSQL** to **PostgreSQL**.
- Wrote automated unit tests for **40+** API endpoints using **Jasmine** and **Protractor** modules with **Typescript**.