

Rohit Kaushik

BACKEND ENGINEER · FULL-STACK · DEVOPS

Montreal, Quebec, Canada

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Education

University of Waterloo

Sep. 2018 - Dec. 2023

BACHELOR OF COMPUTER SCIENCE (HONORS, CO-OP)

- **Awards:** President's Scholarship of Distinction, Faculty of Mathematics Entrance Scholarship, Dean's Honors List (2018), President's International Experience Award.
- **Achievements:** Research Publication (5th OSSYM, CERN), 2x Co-op Outstanding Student of the Year Nomination.
- **Coursework:** Operating Systems, Compilers, Theory of Computation, Algorithms & Data Structures, Combinatorics, Database Management, User Interfaces, Computer Networks, Data Science & AI, NLP, GPU Programming, Recommender Systems, Social Media Technologies.

Work Experience

Software Engineer

Montreal, Quebec

PLANNED

Oct. 2024 - Present

- Built multi-agentic workflows in our primary event supplier sourcing experience with **temporal workflows** leading to a **\$35M Series B**.
- Crafted a multi-city travel cost optimization tool for global corporate events with multiple third-party API integrations as a domain owner, in **Next, Typescript (TRPC) and React**, leading to **three client signatures**.
- Designed a **prompt library** exposed to Github Models, and later Latitude, to allow non-technical stakeholders to **A/B test LLM prompts**. **Exposed agentic API clients within the product for fellow engineers to implement flexibly**.
- Migrated data collections from **Firestore to Neon**, and updated critical dependencies for Next and React major upgrades.

Founding Engineer

San Francisco, CA

HOWL

Dec. 2023 - Present

- Leading PM and SWE for the company's fundraising + CRM platform, and lead technical consultant for client web products (using **AWS' EC2, CloudWatch, Lambda, Amplify, S3, RDS, SES, + Django (DRF), Postgres, Node, React, Typescript** across projects)
- Created a tech consulting revenue stream, built products with clients, pushing net revenue from 0 to **\$300,000+** and **MRR** from 0 to **\$3,000+** in 18 months.
- Managing two engineering and a design team, conducting **user interviews** to improve PMF, **hiring talent** and **road-mapping** new features.

Research and Development Engineer

Graz, Austria

OPEN SEARCH FOUNDATION

Mar. 2023 - Jul. 2023

- Engineered conversion between **Cliff** and **Apache Lucene** indexes, opening the EU's OpenSearchIndex to clients for development.
- Developed a Javelin Search API in **Java** to provide customized index manipulation with the OpenWebIndex, allowing it to be monetized.
- Published a **research paper** at the **5th International Open Search Symposium, CERN**, about a prototype **React.js** web application (Tourism in Graz) to demonstrate the API.

Software Engineer

San Francisco, CA

PARROT FINANCE (PREV. STAAX)

Jun. 2022 - Jan. 2023

- Formulated **metrics calculation** scripts in **Python** with **Firebase** data, and created **data modelled** reports on **Google Analytics**, used in pitchdecks for fundraising and secured entry to TechCrunch Disrupt 2022.
- Implemented **data caching** of stock data using **AWS-Elasticache**, improving screen render time from **10s to 2s**.
- Created **cloudwatch dashboards** monitoring environment health and app data using log queries, used for resource distribution and metrics generation.
- Developed an end-to-end stock categorization feature in **Node** and **React Native**, with data from **lambda** functions, **doubling user engagement**.

Software Engineer

San Francisco, CA

MEALME

Jan 2022 - May 2022

- Integrated data from 300,000+ stores in the USA and Canada using **Python crawlers** in **agile** sprints, increasing orderable products metric by **1 million** in food, groceries, and laundry - contributed to **\$15M Series A**
- Engineered **Django** endpoints to enable communication between internal services, improving Series A metric of **data accuracy by 15%**. Created compound MongoDB **database indexes**, accelerating search queries by **10%**.
- Partnered with **API clients** and added **Flask** endpoints for them to retrieve data as per their needs. Onboarded new clients to the API leading to **20% monthly revenue** increase.

Skills

Languages Python, C++, Java, C#, Javascript, C, Kotlin, Go, Ruby, SQL, GraphQL, Solidity, Bash, HTML, CSS

Technology GCP, Linux, REST API, MongoDB, Git, Node.js, Django, Flask, React.js, React Native, Next.js, Google Analytics, SVN, AWS(Lambda, CloudWatch, EC2, ElastiCache, CodeDeploy), Github Actions, Postman, Docker, ElasticSearch, Kubernetes