

Dhruv Bhavsar

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in dhruv-bhavsar
dhruv423
dhruv423.github.io

Education

McMaster University

B.A.Sc. Computer Science

Relevant Coursework: Data Structures and Algorithms, Discrete Math, Linear Algebra

Expected: April 2023

CGPA: 3.83/4.0

Skills

Language: Java, Python, JavaScript, TypeScript, Golang, Ruby, HTML/CSS, Bash

Tools/Technologies: Git, Node, React, MongoDB, Rails, GraphQL, Docker, Kubernetes, Django, GCP, SQL, Vue

Experience

Shopify

May 2021 – August 2021

Backend Engineer Intern | Ruby on Rails, GraphQL, React, Datadog

Toronto, ON

- > Worked on building a self-serve business rules engine that segments merchants for effective support interactions
- > Implemented an audit logger using Papertrail and Okta Identity, resulting in a revertible version history and more accountability
- > Determined effective timeout values for APIs based on Datadog metrics such as response time latency, improving API reliability
- > Developed a prototype for migrating string contexts to object contexts for our rules engine, allowing for more information storage and ability to modify rule context via self-service

SAP

September 2020 – April 2021

Software Engineer Intern | Golang, React, Kubernetes, Docker, TestCafe, SQL

Vancouver, BC

- > Implemented several end-to-end features for the new Concur Homepage with React, Redux and Golang
- > Generated a documentation workflow for Swagger API Docs using Docker and Groovy
- > Overhauled end-to-end testing infrastructure resulting in a 50% higher pass/fail ratio using Sauce Labs, Docker, Kubernetes
- > Curated technical demos for VPs and executives during the stakeholder meetings every month

Obie (Acquired by Lessonly)

June 2020 – September 2020

Software Engineer Intern | Node.js, React, MongoDB, SQL

San Jose, CA

- > Increased performance of document export service by asynchronously parallelizing network and I/O calls, resulting in a 50% decrease in execution time
- > Enhanced Obie's document editor UI using Draft.js with a service that detects and automatically links URLs
- > Created several full-stack components on the internal panel to automate customer requests for 8000+ companies

Royaltymine

June 2019 – August 2019

Software Engineer Intern | Node.js, Express, MongoDB, Redis, React

Toronto, ON

- > Increased royalty analytics performance by over 20% by utilizing the MongoDB aggregation framework
- > Integrated a transactional fail-safe system, ensuring errors thrown would roll back database changes
- > Implemented a highly efficient data-ingestion utility using an ETL pipeline to process royalty revenue
- > Prevented system-wide race conditions by implementing a distributed locking system with the Redis cache

Projects

GamerPalz

- > Developed a recommendation engine that connects gamers based on gaming platform, location, game type, and skills using React, Node.js and MongoDB

BlinkBuddy

- > Developed an iOS application that detects blinking using 3-D face mapping from ARKit allowing ALS patients to perform tasks without the need of assistance

Extra-Curricular

DeltaHacks Executive Team

October 2019 – Present

Software Developer

Hamilton, ON

- > Developed an admin dashboard with Vue.js and Firebase to display metadata about DeltaHacks applications
- > Assisted in the development of QR scanner application using React Native for seamless check-in
- > Developed a Discord bot that automated the judging process of 800 attendees by assigning relevant roles to teams and judges