Yash Rohatgi

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EDUCATION

University of Waterloo   Waterloo, ON
Bachelor of Computer Science   *Sept. 2020 – May 2025*
- Cumulative average: 91.2%, 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

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**.

HoopsHub   *github.com/rohatgiy/hoopshub*
- Created a Google Chrome extension that sets reminders and find streams for upcoming NBA games, published and available to download on the **Chrome Web Store**, currently serving **20+** users.
- Pop-up makes use of **Bootstrap** and custom **CSS** styling to create a clean UI.
- Uses **Javascript** for **AJAX requests** and **HTML DOM** manipulation for game time and streaming functionalities.

ProbaBall   *devpost.com/software/probaball*
- Engineered a neural network to predict the outcome of NBA games using **Tensorflow** and **Keras**.
- Backend is a **Flask** application written using **Python**, redirects user to pages styled using **Bootstrap**.
- Trained model with **13000+** unique entries and performs with **60-70%** accuracy.