YASH ROHATGI

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SKILLS

Languages: Java, Javascript, Python, HTML/CSS, C#, Racket, Dart

Technologies: MongoDB, Express.js, React.js, Node.js, Bootstrap, Git, Flask, Heroku, Flutter

PROJECTS

NÜTRIENT
github.com/rohatgiy/nutrient

- Daily nutrient tracker designed to help users record micro- and macro- nutrient consumption.
- Frontend designed using **React** with **Bootstrap** to create a robust UI and responsive webpages.
- Backend is a **RESTful API**, built using **Node** and **Express**, that communicates with **MongoDB** database using **Mongoose**.
- Passwords encrypted using **bcrypt.js**, user authentication handled using **Passport.js**.

HOOPSHUB
github.com/rohatgiy/hoopshub

- Google Chrome extension that sets reminders and find streams for upcoming NBA games, published and available to download on the Chrome Web Store.
- 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.

MP3TUBE
github.com/rohatgiy/mp3tube

- Lightweight web application that downloads Youtube videos as MP3 files.
- Backend is a **Flask** application written using **Python**, redirects user to pages styled using **Bootstrap**.
- MP3 files are produced and downloaded using the **youtube-dl** Python module.

MONONOTE
tinyurl.com/mononote

- Note-taking application that stores user's notes, allowing for edit and delete functionality, published to the **Google Play Store**
- UI designed using **Flutter** framework and written in **Dart**. Notes stored locally using **SQLite** database.

EDUCATION

BACHELOR OF COMPUTER SCIENCE @ UNIVERSITY OF WATERLOO

September 2020 - May 2025

- Cumulative average: 93.4%
- GPA: 3.94
- Awarded **President's Scholarship of Distinction**
  - 95%+ Entrance average

EXPERIENCE

TEACHING ASSISTANT @ KUMON

October 2017 - March 2020

- Worked one-on-one with students to clarify difficult math and English concepts
- Responsible for data entry into SQL database
- Managed center when owner not present