

VISHNU SATISH



**GRADE 10 STUDENT AT THE WOODLANDS SCHOOL
PART OF ENHANCED (GIFTED) LEARNING PROGRAM**

INFO

Phone

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Email

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LINKS



vishnus.me



[vishnupsatish](https://vishnupsatish.github.io)

SKILLS

- HTML/CSS
- JavaScript
- Python
- Flask
- NativeScript
- AWS
 - S3
 - Elastic Beanstalk
 - RDS
 - EC2
- REST APIs
- Self-hosting
- Linux
 - Ubuntu
- Bulma (CSS framework)

EXPERIENCE

Code Coach

JULY 2019 - PRESENT

CoderCookies

- In depth knowledge of software data structures and algorithms, such as graphs, trees, linked lists, stacks, queues, binary search, Dijkstra's (and other shortest path algorithms), dynamic programming, greedy algorithms.
- Currently teaching a data structures and algorithms course
- Lead and developed many full stack platforms (<https://findr.company>, <https://doctorhelp.tech>, <https://masterprofile.herokuapp.com>, <https://codeio.tech>, mentors.codercookies.com)
 - Please visit vishnus.me for a full list of projects
- Developed core expertise in Python, Flask, web technologies (HTML, CSS, JavaScript), AWS, Heroku, relational databases (SQL), C++, and containerization
- Ability to architect, design, prototype, develop, and productize full stack software products and platforms
- Participated and won prizes in various hackathons such as Mississauga Hacks (best use of an API award)
- Was selected to be a part of Hack the North (Canada's largest and most prestigious hackathon)
- Currently competing in the silver division in the USACO
 - Was promoted from the bronze division
- Previously taught at and helped organize coding summer camps

Mississauga-Malton Youth Council

DECEMBER 2020 - PRESENT

MPP Office

- Creating community-oriented projects
- Part of a team creating informative and educational videos about aspects of COVID-19, such as its effects, prevention, and properties

Youth Committee Member

JULY 2020 - PRESENT

Kannada Sangha
Toronto

- Helped organize and participated in various cultural events
- Raised money for a food drive campaign
- Created posters for various events

ACHIEVEMENTS

100% final mark in Grade 11 Computer Science (ICS3UO)

FEBRUARY 2021

The Woodlands
Secondary School

SKILLS (CONTD.)

- Command line
 - Bash
 - Zsh
- SQL
 - SQLAlchemy
- Nginx
- Unicorn
- Session management
 - Password storage
 - Flask-login
- Background task management
 - Celery
 - RabbitMQ
 - Redis
- Forms
 - WTForms

LANGUAGES

- English
- Marathi
- Kannada
- French

ACHIEVEMENTS (CONTINUED)

Highest score school-wide in the AMC 10 (American mathematics competition)

The Woodlands
Secondary School

JUNE 2020

Best use of an API award at Mississauga Hacks

Mississauga Secondary
School Computer Club

JUNE 2020

Top 10 in Multiple Choice at DECA Provincials

DECA Ontario

FEBRUARY 2020

PROJECTS

CodeIO

FEBRUARY 2021 - PRESENT

- A platform to allow teachers to assess coding skills through interactive problems. Created as a final project for ICS3UO. CodeIO is scalable, simple, yet powerful.

Flask
Python
HTML/CSS/JavaScript
Amazon S3
Judge0
Amazon EC2 - Ubuntu



codeio.tech



github.com/vishnupsatish/codeio

CoderCookies Mentor Platform

AUGUST 2020 - OCTOBER 2020

- A web app that allows for easy mentor and teacher class reports and tracking management. Also has salary management and calculations based on hours worked.

Flask
Python
HTML/CSS/JavaScript



mentors.codercookies.com

Findr

JUNE 2020 - PRESENT

- A platform where users can get information about how stores/facilities/amenities are operating through the COVID-19 pandemic. Data is obtained through crowdsourcing, which means users can add their own data about a store/facility/amenity. A category award winner at Mississauga Hacks 2020.

Flask
Python
HTML/CSS/JavaScript



findr.company



github.com/vishnupsatish/findr