Param Thakkar

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TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, Java, PHP, HTML/CSS, Sass
Libraries/Frameworks: React, Node.js, Express, Flask
Tools: Linux, Bash, Git, MySQL, TravisCI, Docker, Firebase, Figma, Postman

PROJECTS

1pt.co URL Shortener | *React, Node.js, Express, MySQL*
- Built and deployed an open-source URL shortening service alongisde a public REST API
- Implemented a login system using Google authentication and JWT validation in Node
- Detects and prevents users from being redirected to malicious URLs using Google Safe Browsing API
- Currently hosts more than **20,000** links and has over **200,000** visits

URL Checker - GitHub Marketplace | *Python, Docker*
- Developed a GitHub Action that regularly validates URLs used in a project and notifies the author
- Relied upon by **25 repositories** with a combined **4000+ stars** on GitHub

Meme Stock Analyzer Bot | *Python, Reddit API, TravisCI, Git*
- Created a Reddit bot that analyzes the virtual "stock market" on the r/MemeEconomy subreddit
- Ranked among the **top 500** Reddit bots out of over 20,000 bots
- Used Test Driven Development techniques to achieve **93%** code coverage

EXPERIENCE

Instructor — August 2021 – April 2022
Coder Cookies — *Toronto, Canada*
- Taught Python to students through a project-based learning model
- Assessed students and created reports to ensure students are on track

Software Developer Intern — December 2020 – June 2021
NOVA x Network — *Toronto, Canada*
- Designed and implemented the fellowship application portal using Figma, React and Firebase
- Reduced time required to review applications by **25%** by automating basic review using *Zapier*

President — October 2020 – June 2021
Port Credit Coding Club — *Mississauga, Canada*
- Led a team of **5 executives** to organize weekly workshops covering various topics
  such as web development and data structures/algorithms in Python
- Coordinated multiple alumni talks with upwards of **50 participants**

Lead Organizer — December 2020 – April 2021
Lighthouse Hacks (lighthousehacks.ca) — *Virtual*
- Led a team of organizers to plan, market, and host a virtual hackathon
- Attracted over **200 participants** from **10 countries** and over **$40,000** in prize value

ACCOMPLISHMENTS

- Offered the Schulich Leader scholarship **($100,000)** from the University of Toronto
- **Placed 1st** at Imagine hackathon for developing a math learning platform
- Won the "Most Creative App of the Month" award from MIT App Inventor

EDUCATION

University of Waterloo
Pursuing a Bachelor of Computer Science (BCS)