Abhin Tomar

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PROFILE SUMMARY

Computer science student with a strong grasp of the full application development cycle, spanning front-end and back-end domains. Proficient in various programming languages and adept at utilizing diverse frameworks. Eager to apply my skills to drive innovative software solutions.

EDUCATION

Univeristy of Toronto   Toronto, ON
Honors Bachelors of Science in Computer Science   *Sep. 2021 – May 2026*
- Program of Study: Computer Science Specialist
- Cumulative GPA: 3.87/4

PROJECTS

ImageVault | *Javascript, React, Firebase, Bootstrap*   July 2023 – Present
- Developed a chrome extension that allows seamless saving and sharing of images on the web
- Integrated Firebase database for user data storage, ensuring efficient retrieval of saved images, while also implementing Google authentication to enhance security and simplify user access
- Empowered users with an intuitive solution for efficient image management

Face Finder | *Javascript, React, Node.js, Express.js, Axios, Bootstrap*   July 2022 – Dec 2022
- Developed a full-stack application that is able to recognize a face and match it to a person's name based on a Google image search
- Implemented an extra "local" feature which allows for users to save a picture into a database that can be used for future searches
- Used Axios to send 'Get' and 'Post' requests to various APIs

SmarTrack | *Python, Flask, HTML, CSS*   Apr 2023 – May 2023
- Developed a web application that uses computer vision to track and classify packages on a conveyor belt from a given video
- Applies machine learning frameworks such as OpenCV and YoloV8 to detect unique packages and track their paths

Portfolio Website | *Javascript, React, Node.js, Axios, Bootstrap*   Dec 2022 – Jan 2023
- Developed a front-end responsive website that displays my portfolio
- Utilized the 'react-intersection-observer' library that allows users to automatically scroll to different sections of the page
- Implemented a 'Contact Me' section that allows users to send me an email using the form with 'Email.js'
- Hosted using Netlify on domain: abhinsportfolio.netlify.app

TECHNICAL SKILLS

Languages and Databases: Java, Python, C, JavaScript, HTML, CSS, MongoDB, Firebase
Frameworks: React, Flask, Node.js, Express.js, JUnit, Bootstrap, PyGame
Developer Tools: Git, Bash, VS Code, PyCharm, IntelliJ
Libraries: Matplotlib, JavaFX, Itertools, Axios