Abhi Bashyal

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EDUCATION

Bachelor of Computer Science Honours, Co-op   September. 2023 – April 2027
Carleton University   *Ottawa, ON*
- Second year standing, 11.8/12 (A+)
- Scholarships: C.C Gibson Scholarship ($12,000)

AVAILABILITY

Available for 4 to 16 months beginning May 2025

TECHNICAL SKILLS

Programming: Java, JavaScript, Python, HTML/CSS, PHP, SQL, C
Frameworks & Tools: Node.js, Git, VS Code, Eclipse, React, MongoDB, Express.js,

EXPERIENCE

Full-Stack Developer Intern   February 2022 – June 2022
Digitera Interactive   *Ottawa, ON*
- Developed **SQL** queries to filter, sort and output list of vendors across Canada and the United States of America
- Engineered an admin panel using **PHP** to create, view, update & delete **over 100** vendor partners' information
- Created reusable front-end components (navigation bar, contact, login panel) using **Vue.js** & **JavaScript** to create a modular and responsive user interface

PROJECTS

LinguaScribe | *Python, Streamlit, Whisper API, Google Translate*   *Source Code* ↗
- Developed a sophisticated multi-page web application that allows users to upload or record audio, transcribe it using **Whisper models**, and translate the transcription into over **100** languages via **Google Translate API**
- Implement model-switching for speed/accuracy optimization and real-time transcription editing for better control.
- Designed and deployed an interactive UI with **Streamlit**, including tooltips, progress bars, and user guides, significantly improving usability and engagement

Restaurant Management System | *JavaScript, Express.js, MongoDB, Node.js*   *Source Code* ↗
- Created a user friendly restaurant management system to process the creation and tracking of user orders
- Designed **REST APIs** in **JavaScript** with **Node.js & Express.js** to receive & process **HTTP** client requests
- Utilized **MongoDB** to store relevant user data & user sessions to ensure a secure & smooth authentication process

Portfolio Website | *JavaScript, HTML, CSS*   *Source Code* ↗
- Developed a responsive portfolio website featuring sections for About Me, Projects, and Contact, with smooth navigation and interactivity
- Enhanced user experience with **Scroll Reveal** animations and Font Awesome icons, creating a visually engaging and dynamic interface
- Integrated a contact form using **Web3Forms** API, enabling direct communication, and added social media links to broaden online presence

Othello Game | *Java, Java Applets*   *Source Code* ↗
- Developed a classic strategy board game, Othello, with a graphical user interface using Java Applets, providing an interactive and visually engaging player experience
- Implemented core game mechanics including valid move detection, disc flipping, and score calculation, ensuring adherence to official Othello rules
- Handled user input through mouse events to allow dynamic disc placement and real-time game state updates, enhancing gameplay interactivity

To-Do List | *React, Node.js*   *Source Code* ↗
- Developed a full-stack online to-do list application using **React** for the front end and **Node.js** for the back end, allowing users to create, update, and delete tasks
- Implemented a **MongoDB** database for task management, ensuring data persistence and reliability
- Crafted a responsive UI using modular components, ensuring compatibility across various devices and screen sizes