**Vaibhavi Bhalgamadia**

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**EDUCATION**

**The University of Windsor GPA**: **3.3/ 4 January 2020 - August 2022**

Bachelor Of Computer Science – General *Windsor, ON*

**WORK EXPERIENCE**

**Central Transport October 2020 – Current**

Data Entry Clerk  *Windsor, ON*

* Primary responsibility is to accurately enter data into various databases and management systems.
* Typing speed of 40 words per minute with an error rate of only 0.25% ensures high levels of accuracy and precision in data entry. Also, demonstrated technical skills in using data entry and management software such as Microsoft Excel and Google Sheets.
* Not only, possess knowledge of database management systems and data storage structures, enabling effective management and organization of data but also Familiarity with data quality control and assurance techniques to identify and correct errors and inconsistencies in data.
* Experience in data cleaning and processing ensures data entered is of high quality and can be used effectively for analysis and reporting.
* Exhibited excellent behavioral skills, including strong attention to detail, excellent time management skills, and strong communication skills. Moreover, adaptability and willingness to learn allowed for quick learning and the use of new data entry and management systems as needed.

**University of Windsor September 2021 – April 2022**

Research Assistant Windsor, ON

*Python, C++, GitLab, Git Bash*

* Developed and maintained software programs using Python and C++ for ongoing research projects as a Research Assistant.
* Proficient in using GitLab and Git Bash for version control and collaboration with a team member. Demonstrated technical skills in developing, testing, debugging, and optimizing code, as well as troubleshooting and resolving technical issues.
* Exhibited strong behavioral skills in attention to detail, communication, adaptability, and problem-solving.
* Equipped with both technical and behavioral skills essential for success in software development through experience as a Research Assistant

**Mphasis LTD April 2019– May 2022**

Software Developer  *Gujarat, India*

*Java, Python, C#, and C++*

* Developed software solutions using Java, Python, C#, and C++ programming languages and collaborated with cross-functional teams to gather and analyze software requirements.
* Designed, developed, tested, and deployed software applications, modules, and components. Furthermore, wrote clean and efficient code following industry best practices and coding standards.
* Participated in code reviews and provided feedback to improve code quality and maintainability. Documented software specifications, user manuals, and technical documentation and performed troubleshooting, debugging, and maintenance activities to ensure software functionality and performance.
* Kept up to date with the latest software development trends, technologies, and methodologies.
* Contributed to the development of new software features and enhancements.
* Worked on projects with strict timelines and delivered high-quality software products on time.
* Provided technical support and guidance to junior developers on the team.

**SKILLS**

* Back-end: Java, Node.js, TypeScript, PHP, Python, C, C#, Ruby on Rails, Angular.js
* Front-end: React, HTML, CSS3, JavaScript
* Database: SQL, XQuery
* Other: Machine Learning, MySQL, Docker, Ubuntu, GIT, GitHub, CLI tools, IBM cloud computing, Gitlab, VsCode

**PROJECTS**

[Student Management System](https://github.com/Vivai007/Student-Management-System)

*Tools: Java*

The program is designed to manage student information using a list data structure in Java. The user can add or remove students from the list, and view all students stored in the list. The “Student” class has attributes for student name, ID, and email, and a method to return a string representation of a student. The main function uses a Scanner to get input from the user and a switch statement to handle different menu options.

[Phone Directory](https://github.com/Vivai007/Phone-Directory)

*Tools: Java*

This program creates a PhoneDirectory class which has a main method. The main method starts by initializing an empty list of Contact objects. It then enters a loop where the user is prompted for a command. If the user inputs "add", the program requests the details for a new contact and creates a Contact object using this information. The newly created Contact object is then added to the list. If the user inputs "search", the program asks for a search query and looks through the list of contacts for any matches. It checks if any of the fields of the Contact object contains the query string. If the user inputs "exit", the program stops running.

[Simple Shopping Cart](https://github.com/Vivai007/Simple-shopping-cart)

*Tools: PHP, MySQL, JQuery, Bootstrap*

This is a simple shopping cart website written in PHP and MySQL. The website allows users to add products to their cart and displays the order details. The website uses a session to store the user's cart information. Users can also remove items from their cart. The website uses Bootstrap and jQuery to style and enhance the user interface. The website is a basic implementation of an online shopping cart and can be further customized and extended to add more features.

[Mastermind Game](https://github.com/Vivai007/MaterMind-Game)

*Tools: C*

This program is a simple implementation of the Mastermind game using C programming language. The program randomly generates a four-digit code containing numbers between 1 and 6, and the user has 12 attempts to guess the code. After each guess, the program provides feedback to the user indicating the number of correct guesses and the number of almost correct guesses. The game continues until the user either correctly guesses the code or reaches the maximum number of attempts.

**CERTIFICATIONS**

* Learning Java| LinkedIn Learning.
* Learning C | LinkedIn Learning.
* Agile Methodologies | LinkedIn Learning
* Agile Software Development | LinkedIn Learning
* Learning GitHub | LinkedIn learning
* Software Architecture Foundations | LinkedIn Learning

**References are available on requests.**