

Kavita Bhavsar

Email: kjbhavsa@uwaterloo.ca

Phone number: +1-548-333-1180

LinkedIn: <https://www.linkedin.com/in/kavita-bhavsar-194198102/>

Summary of Qualification

- Enthusiastic Developer always making efforts to make a change in the way we experience of daily life which leads me to design, create and develop technologies
- Efficient knowledge of data structures and algorithms, database which led to get my internship and worked on Live project.
- Strongly developed the skills of C, C++, Java, Python and MySQL through continuous implementing various projects.
- Passionate for building and developing solutions to a big problem with my programming skills in order to contribute into the company's growth of success while enhancing my personal development through my continuous learning attitude

Experience

Team Member

September 2020 to December 2020

**At the Zero Experience event of the Problem Lab,
University of Waterloo**

- Productively working on the Billion Dollar Problem of AI Data, which focuses on solving the problem of insufficient data quality and storage system, occurs when we have to train our machine learning algorithm on a large volume high-quality dataset

Mobile Application Developer (Android) – Intern

January 2017 to April 2017

At Milestone Technoconsulting Pvt Ltd, India.

- Efficiently collaborated with the team to achieve the successful implementation of an android application named “LockTicket” in order to book the tickets for events, concerts etc. and QR code scanning provided to validate and verify those booked tickets (JAVA)
- Designed GUI for the “LockTicket” android application (Android Studio)
- Successfully integrated the “Live Chat” feature into this ticket booking application

Projects

Scientific Calculator – (Personal Project):

- Efficiently coded and developed the Java application using Swing Framework in order to make it Scientific calculator
- Successfully designed scientific calculator performs some of the basic functions like addition, subtraction, multiplication and division as well as some extraneous functions such as sum of n , n^2 and n^3 numbers, Fibonacci series, Average of numbers etc.

Home Delivery of Milk – (Personal Project):

- Designed this very first android application which delivers the milk at your doorstep by distributors selected with respect to the area of customers

Security based SMS System – (Personal Project):

- Comprehensively designed and developed the android application which encrypt and decrypt our SMS using AES encryption algorithm

AI/ML based Projects:

Opening Stock Price prediction – (Personal Project):

- Proficiently coded the stacked LSTM model and GRU as RNN using Numpy, Pandas, Keras and Matplot to predict the Open Google Stock prices where GRU model outperforms the LSTM model with an excellent MSE of 17.48 and efficiently follows the upward and downward trends of the stock price values

Credit Card Fraud Detection - (Personal Project):

- Productively designed SOMs using Numpy, Pandas and Minisom libraries in order to achieve the goal of explicit prediction of potential list of customer ids for fraud in the high dimensional non-linear dataset

Churn Modelling – (Personal Project):

- Coded ANN using Tensorflow, Numpy and Pandas towards predicting the customers stays with the bank or leaves the bank based on the different features which delivers 86% accuracy on the test dataset with 100 epochs

Education

University of Waterloo

September 2019 to December 2020

Master of Engineering in Electrical and Computer Engineering with a specialization in Artificial Intelligence and Machine Learning.

Academic Standing: Excellent (84.14%)

Charotar University of Science and Technology (Charusat), India

June 2013 to April 2017

Bachelor of Technology in Information Technology

Academic Standing: Distinction (9.21/10)

Volunteering Experience

Executed the Technical Event

- Successfully organized and managed a technical event called “Code-war” on the annual day of my undergraduate studies

Training and Placement Coordinator

- Actively coordinated the campus recruitment process during my final year of undergraduate studies

Tutor at Non-Government Organization (NGO), India

- United with an NGO named “Nirmaan” (Meaning – ‘The Construction’) back in my home country to achieve a goal of making the education accessible with no cost to all without knowing their financial background
- Taught Mathematics to the children who didn’t afford to go to school and planned the other activities to enhance their skills apart from education

Skills and Tools

- **Programming Languages :** C (Expert), C++ (Expert), Java (Proficient), Python (Proficient), HTML 5 & CSS 3 (proficient), Javascript (proficient), SQL (Proficient)
- **Developing Concepts:** Data Structures and algorithm (Proficient), Database Management System (Proficient), Software Engineering (Proficient), Operating System (Proficient)
- **Tools:** Visual Studio Code (Proficient), Jupyter Notebook (Expert), Google Collaboratory (Expert), Android Studio (Proficient), Net Beans (Proficient), Jira (Proficient) (Management Tool), MySQL (Proficient) (Database System), Microsoft Office (Expert)

Area of Interest

- Learning new technologies and techniques of machine learning and apply them on the large dataset to mining useful patterns through analyzing the data
- Helping people brings immense satisfaction and pleasure to my life
- Travelling and exploring new destinations, Dancing and Cooking