

SWATI BHARTI

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Summary

A passionate and hardworking IT student. I am ready to learn new technologies when the requirements arise as I believe there is always something to learn. When I get into a job, I want to make sure that I give my best by communicating and working together with my teammates and co-workers as I believe that team work is one of the most important keys in an organization.

Work Experience

Project Engineer

Wipro Limited, Bengaluru, India

May 2019 – July 2109

- Designed an Android App to dial a phone number
- Developed an Android App to show top 10 apps and songs from Apple RSS feed
- Implemented One-to-One Realtime Chat app based on Android and Firebase

Software Intern

Xiphias Software Technologies, Ranchi, India

June 2018 – July 2018

- Worked on MySQL database for data processing and data storage
- Built a python application to create a Spotify Playlist from YouTube liked songs

Education

Master of Science in Information Technology

University of New South Wales

September 2019 – Present

Bachelor of Engineering in Computer Science and Engineering (CGPA: 8.39/10)

Nitte Meenakshi Institute of Technology

August 2015 – May 2019

- Gained vast knowledge about various computer concepts

Skills

- C
- Basic C++
- Java
- Python
- Android

Projects

World Bank API | [View Project](#)

- Developed a Flask-Restplus data service that allows a client to read store public World Bank Data
- Utilized SQLite as Database for storing data that is retrieved from the World Bank
- Implemented HTTP methods such as GET, POST and DELETE to develop the project
- These APIs can be used by client to create, list or delete a collection in the database

Machine Learning | [View Project](#)

- Implemented a machine learning project to predict revenue and ratings
- Implemented count vectorizer method to encode the inputs and fit into data models
- Implemented Linear Regression method to predict revenue as it takes less time to get trained
- Implemented multinomial Naive Bayes classification as it is much more efficient compared to basic classification

Doubly Linked List | [View Project](#)

- Implemented C program to create doubly linked list from numbers read from file
- The program computes intersection and union of two linked lists
- The program also clones a given list and returns a pointer to the given list

One to One Chat App | [View Project](#)

- Realtime Chat app based On Android
- Implemented Firebase as the backend to store data
- Users can chat with other users in Realtime

Web Scraper | [View Project](#)

- Created a basic python script to scrape Amazon.in
- Retrieves information about a category of products such as electronics, households, etc
- Displays name, price and ratings for each product in a specified category
- Used modules like requests and BeautifulSoup for implementation of this project

YouTube Spotify Playlist | [View Project](#)

- Created a python script to get liked songs from YouTube and create a Spotify playlist with those

- YouTube data API to information about user's account and Spotify web API for creating playlist

Top 10 Downloader | [View Project](#)

- Created an Android App to display top ten apps and music albums from Apple RSS feed
- Downloading the RSS items takes place on a separate thread to improve performance
- RecyclerView instead of ListView for better efficiency

Grocery Stock Management | [View Project](#)

- Created the project using Object Oriented Programming concepts
- User has multiple categories to choose products from.
- User has option to place order by card or cash on delivery

ATM Transaction | [View Project](#)

- Implemented an ATM in C
- User can withdraw money, check balance and deposit money

Phone Dialler | [View Project](#)

- Created an Android app to dial a given phone number
- User must input a phone number and the user will be redirected to dialler keypad
- Android intents to implement the project