

# SARTHAK DIXIT

IIIT Delhi 2024

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## EXPERIENCE

Software Engineer Intern

Natwest Group( Royal Bank of Scotland)

May 2023 – June 2023    Gurugram, Delhi

Developed a spring boot microservice which acts as a consumer of a soap based web service using Spring Boot. This project was aimed to provide a web-based solution to freeze a customer's debit card temporarily in order to prevent fraudulent activities  
Technologies Used: Java, Spring Boot, Microservices.

## EDUCATION

B.Tech in Computer Science with Specialization in Artificial Intelligence

Indraprastha Institute of Information Technology Delhi (IIIT-Delhi)

July 2020 – Present    Delhi, India

Senior Secondary Examination CBSE - Class XII

The New Indian School

CBSE-2020    Manama, Bahrain

Percentage - 94%

Higher Secondary Examination CBSE - Class X

The New Indian School

CBSE-2018    Manama, Bahrain

Percentage - 94%

## PROJECTS

Article Popularity Prediction

identified the top 25 characteristics which influence the popularity of news articles and were even able to predict their popularity even before they were published using Machine Learning.  
Technologies Used: Machine Learning, Python, Jupyter Notebook  
sarthak20574/Article\_Popularity\_Prediction

The Will Hero Game

A game with a lot of animations and bouncing characters in JavaFX, Java and using the principles of Object-Oriented Programming.  
Technologies Used: JavaFX, Java  
sarthak20574/The\_Will\_Hero\_Game

Shopo

An online shopping app made using JavaFX/Java and SQL to easily manage shopping. It has been developed keeping all the principles of an ideal database management system in mind.  
Technologies Used: JavaFX, Java, SQL  
sarthak20574/Shopo

ROAMIFY - Travel App

A personalized travel companion app with comprehensive information on shops, hotels, restaurants, attractions, and tour prices, facilitating user ratings, Firebase connectivity, map display, travel cost estimation, and local insights.  
Technologies Used: Android Development, Firebase, Google Maps API  
sarthak20574/Roamify

## AREAS OF INTEREST

Data Structures & Algorithms    Machine Learning  
Software Development    Athletics

## ACHIEVEMENTS

- Finalist for Sastra Pratibha Contest 2019
- Finalist for MotherCare Contest 2020
- Solved 4/4 problems and ranked under 700/21000 in Bi-weekly Contest 119 on LeetCode
- Solved over 1150 problems & on a 820+ day streak on LeetCode (still alive)

## SKILLS

**Expertise Area:** Spring Boot microservices, Advanced Programming in Java, Android Development, UX designing  
**Programming Language:** Java, Python, C++, C, Prolog, SQL, CSS(basic), HTML(basic), JavaScript(basic)  
**Tools and Technologies:** MySQL, JavaFX, Android Development, Spring Boot, Git, Postman, Firebase  
**Technical Electives:** Machine Learning, Advanced Programming, Android Development

## EXTRA CURRICULARS

**Toastmasters International**  
Member, Toastmasters Club - Improved public speaking skills and leadership abilities through regular participation in meetings, speeches, and evaluations.  
**Athletics**  
Representative, College Athletics Team (1500m) - Competed in various inter-college competitions, showcasing leadership.  
**Community Work**  
Volunteer, Umeed (NGO) - Taught underprivileged children and raised awareness about cleanliness, sanitation, and environmental sustainability

## POSITION OF RESPONSIBILITY

Secretary - Toastmasters International

- Engaged in organizing and facilitating Toastmasters International events and activities.