

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

- 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)
- Finalist for Sastra Pratibha Contest 2019(a national science talent search contest by Science India Forum supported by supported by the Embassy of India and ISRO)

SKILLS

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

EXTRA CURRICULARS

Toastmasters International
Member, Toastmasters International - 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.