

Vaishnav Sonawane

Portfolio: VaishnavSonawane

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EDUCATION

- **Bachelor of Technology - Information Technology; CGPA: 9.73** July 2019 - June 2023
Vishwakarma Institute of Technology Pune, India
- **Higher Secondary Education; Score: 83.53** June 2018 - March 2019
New English School and Junior College Sakri, India
- **Secondary School Education; Score: 96.80** June 2016 - April 2017
Vishwakarma Institute of Technology Pune, India

EXPERIENCE

- **Deutsche Bank** Pune, India
Technology Analyst Intern May 2022 - July 2022
 - Worked with SOA/BPM team and developed microservices:
 - Developed approach to share attachment files within microservices via SOAP in Springboot:

PROJECTS

- **Implementation of Graphs:** [Link](#)
 - A Header file for Graph Data Structure and algorithms related to it, for the easy use of Graphs and its functionalities.
 - Directed and Undirected Weighted Graphs along with functions like cycle detection, BFS, DFS, Minimum Spanning Tree etc were implemented.
- **Sorting Algorithm Visualizer:** [Link](#)
 - React application to display step by step output of five sorting algorithms including Merge Sort, Quick Sort, Insertion Sort, Selection Sort and Bubble Sort, based on user input.
 - This was a group project in which I looked after algorithms and rendering of output.
- **Bank Management System:** [Link](#)
 - Implementation of mini Bank Management System in C++, including functionalities like Bank, Customers, Admins, Debit card, transactions (withdraw, deposit), Admin Authentication, Debit card PIN Authentication etc.
 - This was a course project while learning OOP. Implemented around nine classes, covering almost all OOP concepts.

SKILLS SUMMARY

- **Technical Skills:** C, C++, Java(intermediate), SpringBoot, SOAP, OOP, Data Structures, Algorithms, OS, HTML, CSS, JavaScript, SQL
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking

CERTIFICATES AND ACHIEVEMENTS

- C++ Programming (SEED Infotech) - Jan 2020 - Feb 2020 - [Link](#)
- Runner-up IEEE CodeZest 2021 (coding competition by IEEE, VIT Pune)
- Runner-up SET-CODE 3.0 (coding competition by Ekasutram, VIT Pune) - [Link](#)
- TRF-ROBOSPARK - Summer Training Program - [Link](#)
- Nvidia DLI - Fundamentals of Deep Learning - [Link](#)

POSITIONS AND RESPONSIBILITIES

- **President and Trainer at GedIT Coding Club** VIT Pune.
Club takes technical sessions which are attended by 350+ students of College. July 2021 - Present
- **Core team member Robosoft - The Robotics Forum(TRF) VIT, Pune.** VIT Pune
Worked in Technical team of TRF, conducted sessions in their RoboSpark Workshop July 2020 - Present
- **Class Representative** VIT Pune
Represent and co-ordinate 90 + Students of Department of IT July 2020 - Present

OTHER ACTIVITIES

- **Volunteer at Utkarsh activity**
Taught underprivileged children from Ramrajya Public School, Pune through classes under this activity
- **Extra-curricular interests:**
- *Playing Chess(1300 rating points on lichess.com), Playing Cricket*