

Sohel Bargir

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EDUCATION

COEP TECHNOLOGICAL UNIVERSITY (FORMERLY COEP)

B.TECH IN COMPUTER ENGINEERING
Expected July 2025 | Pune, India
Current CGPA : 8.43

GOVERNMENT POLYTECHNIC MIRAJ

DIPLOMA IN COMPUTER ENGG.
June 2022 | Sangli, India
Grade: 97.14 %

ADARSH SHIKSHAN MANDIR

May 2019 | Miraj, Sangli, India
Grade: 86.80 %

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Operating Systems
Artificial Intelligence
Object Oriented Programming
Computer Graphics
DBMS
Unix Tools and Scripting

SKILLS

PROGRAMMING

C • C++ • C# • JavaScript
Python • Firebase • CSS • PHP
Familiar:
ReactJS • Android • NodeJS • SQL

EXTRA CURRICULAR

CORE TEAM MEMBER

COEP'S FREE SOFTWARE USERS GROUP

Coordinating COEP's Free Software Users Group, leading volunteers to promote free and open-source software adoption, organizing workshops and events.

PROJECTS

NOSQL DATABASE IMPLEMENTATION | DATA STRUCTURES AND ALGORITHMS | HASHMAP | AVL

Github

- Implemented NoSQL database solution with JSON data format seamless CRUD operations and data management.
- Developed robust functionality for exporting documents, collections, and users.
- Contributed to improved data storage and retrieval by utilizing NoSQL technologies, enhancing effectiveness.

BASH CALCULATOR USING C | LINKEDLIST | STACK | LONG EXPRESSION EVALUATION | SHELL BASED

Github

- Developed a calculator application that efficiently handles complex calculations and large numbers by implementing a linked list data structure for flexible expression evaluation.
- Removed size restrictions typically encountered in traditional calculators, empowering users to evaluate expressions of any size seamlessly.

CHAT APPLICATION | ANDROID | FIREBASE | GOOGLE OAUTH | VOLLEY | BUCKET STORAGE

Github

- Using this system user is able to send and receive messages also user can view all the users of this platform.
- This system implements Google sign-in functionality, realtime database and cloud firestore

CODE EDITOR (IDE) | JAVA | FIREBASE | SWING | LIVE SHARE

Github

- This system offers visual file representation, real-time collaboration through Firebase cloud database, integrated run and compile features, and file operations.
- It utilizes Swing for a user-friendly GUI.

SMART SWITCH | ANDROID | ARDUINO | BLUETOOTH | FIREBASE

Github

- Created an Android app with Bluetooth module integration for remote control of appliances, establishing a wireless connection between the user's smartphone and Arduino module.
- Used Firebase as a secure cloud database to store and manage appliance data, enabling users to conveniently control their devices through the Android app.

AWARDS AND CERTIFICATIONS

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| 2023 | 2 nd Rank MindSpark 22 at COEP |
| 2023 | 4 th Rank, Project Competition - PROTECH 22 held by SIT, Pune |
| 2023 | Participated in Technovate 2k23 organized by PCCOER, Pune |
| 2022 | Shortlisted for Final Round at RECRUTTO BUZZ at WCE, Sangli |
| 2022 | Participated in CodeTracer event in Techumen'22 at WCE Sangli |
| 2022 | Completed Android developer course at Udemy |