

Yuvraj Singh Bhadoria

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EDUCATION

S.R.M. UNIVERSITY

B.TECH IN COMPUTER SCIENCE
Ongoing | Chennai, Tamil Nadu

BRIGHT PARAGON ACADEMY - MPBSE

CLASS XII
June 2020 | Bhopal, Madhya Pradesh

DELHI PUBLIC SCHOOL

May 2017 | Bhopal, Madhya Pradesh

LINKS

Github: github.com/Yuvraj02
LinkedIn: [yuvraj-singh-bhadoria](https://www.linkedin.com/in/yuvraj-singh-bhadoria)
Leetcode: [leetcode/yuvrajsinghbhadoria](https://leetcode.com/yuvrajsinghbhadoria)
GFG: [gfg.com/yuvrajsinghbhadoria](https://www.geogebra.org/m/yuvrajsinghbhadoria)
CodeStudio: codingninjas.com/yuvraj

COURSEWORK

UNDERGRADUATE

Data Structures
Algorithms
Operating System
Database Management System
Programming and Problem Solving

SKILLS

PROGRAMMING

Over 5000 lines:
C++ • C • Dart • Flutter
Over 1000 lines:
Java • Python
Familiar:
Firebase • SQL • Android

INTERNSHIPS

SEMICOLN TECH | APP DEVELOPER INTERN

July 2021 – Sep 2021 | Chennai, Tamil Nadu

- Used development tools such as **Android Studio** and **Github** on regular basis to contribute to app called Ballin.
- Added Navigation in application
- Created Helper Functions and **libraries** in **Dart** to extend **reusability**

PROJECTS

NIROG | COLLABORATOR - BACKEND DEVELOPER

Sept 2023 | Chennai, Tamil Nadu

- Medical Records maintenance app built in **Flutter**
- Implemented Document **Upload/Download** and sorting options based on **date**.
- Structured whole **database schema** to make app adaptive and durable to changes.
- Implemented Share Document feature.
- User Data is stored in **Firebase**.
- **Project Link** : github.com/nirog

CAMPUS CONNECT | DEVELOPER

Apr 2022 - May 2022 | Chennai, Tamil Nadu

- A campus exclusive social media app built in **Flutter**
- Added **Search** functionality using **indexing technique** for people to search and connect.
- Added restrictions regarding **authenticity** such that only verified and official people can post in the timeline of app.
- Backend connected with **Firebase**.
- **Project Link** : github.com/Yuvraj02/SocialMedia

CONCISE | DEVELOPER

Dec 2021 - Feb 2022 | Chennai, Tamil Nadu

- **Led a team** of 5 members working on app
- Built in **Flutter**
- Integrated **Firebase** with app and implemented query functions for **CRUD** operations.
- Implemented **Web scraping** in **Dart** to generate **API** for Live News Section.
- Implemented **Model-View-ViewModel** architecture for **scalability** and **maintainability**.
- **Agile Methodology** was used to carry out Software Development.

HOME AUTOMATION SYSTEM | DEVELOPER

Oct 2020 - Nov 2020 | Chennai, Tamil Nadu

- Designed a circuit with **TM4C123G microcontroller** to be wired up with existing switch board of room.
- Used **Energia** and **C/C++** to program microcontroller.
- Implemented **TCP/IP networking protocol** to communicate with device over the network using **ESP8266** module.
- Developed app in **Flutter** to control GPIO pins of micro-controller wirelessly over **TCP**.