

Aryan Sahu

Computer science student with comprehensive knowledge of programming in Java

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EDUCATION

Sage University Bhopal
Bachelor of Technology / Computer Science (CGPA: 8.91)

Bhopal, Madhya Pradesh
October Of 2020 - August of 2024

Canyon H.S. School
12th / PCM (Percentage: 82.2)

Bhopal, Madhya Pradesh
April-2020

SKILLS

- | | | |
|-----------------------|-------------------------------|-------|
| • Java | • C++ | • IOT |
| • Data Structures | • Git | • SQL |
| • Logical Programming | • Object Oriented Programming | • UML |

PROJECTS

INCAGE:

Autumn semester 2021-2022

- Incage is a social media platform where authentic users can chat anonymously by assigning themselves with nicknames.
- Developed web-based chat application where users in a local geographical area can interact with each other in a group chat.
- Used HTML, CSS and JavaScript for the implementation of this project.

SECURE PORTAL:

Spring semester 2020-2021

- Deployed a java application via which a student can get access to a computer in the college computer lab.
- The student would be prompted to login using their college credentials for authentication.
- If the student uses a computer for more than 40 minutes, their attendance increments automatically in the database.
- Scored 100% credit of 2.0 on 2.0 in PBL during the college evaluation of this project.

ENERGY EFFICIENT LANES

Academic session 2017-2018

- Built an internationally awarded_IOT based project.
- It is a simulation of automatic street lights which stays on only when needed.
- According to our research, if implemented in real life, this system could save >60% of electrical energy on street lights.
- Used Arduinio UNO R3 board for the implementation of this project.
- Secured a bronze medal by presenting this project in the International Exhibition of Young Inventors.

ACCOMPLISHMENTS

- Secured 2nd place in 'Project Presentation' in IEEE International Conference on current development in Engineering & Technology(CCET) 2022.
- Secured global [rank 57](#) in December Long challenge 2022 on Codechef.
- Won 1st prize in Sage Coding Competition which was organized on the occasion of engineer's day.
- Won 3rd prize in "Play with arduino" contest organized by Sagar Institute of Research & Technology, Bhopal.
- Recently won 1st prize in the debugging competition organized by The Sage School of Advance computing.
- Earned [6 Star](#) badges on HackerRank in categories such as 'Problem Solving' & 'C++'.
- [2 star](#) profile on Codechef with highest rating 1580.
- Serving president of the Sage Rotaract Club Smart City Bhopal which organized more than 5 events last year.
- Served as the 1st President of the Sage Code Club for the tenure 2020-2021 and recruited the team of 60 members.
- Served as the Head Boy of Canyon Higher Secondary School, Bhopal for the session 2019-2020.
- Secured [3rd position](#) worldwide at the International Exhibition for Young Inventors 2018.

EXTRA CURRICULAR SKILLS

Skill Group 1: Debating, Extempore, Declamation, Effective verbal and written skills, speed cubing.

Skill Group 2: Analyzing and developing a solution to a logical problem, Spontaneity, Team management.

EXTRA SECTION

Sisyasat India youth Summit:

July, 2019

Held the position of head of outreach of a mock-parliament where more than 1000 school students participated.

The Hard Sweet-Sixteens:

August, 2018

Directed a self-scripted short film based on drug addiction with a team of 20 members. The movie attracted more than 2300 views.