

# 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.
- Used Java & Java Derby for the implementation of this project.
- 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 Arduino 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

- Won 1<sup>st</sup> prize in Sage Coding Competition which was organized on the occasion of engineer's day.
- Recently won 1<sup>st</sup> 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++'.
- Highest rating 1518 on CodeChef.
- Serving president of the Sage Rotaract Club Smart City Bhopal which organized more than 5 events last year.
- Served as the 1<sup>st</sup> 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 [3<sup>rd</sup> position](#) worldwide at the International Exhibition for Young Inventors 2018.
- Earned skill badges on LinkedIn in 8 categories, which includes: JAVA, C, C++, HTML, MySQL, Microsoft Excel.

## 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, Ability to effectively articulate technical challenges and solutions, experienced at handling ambiguous or undefined problems.

## 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.