# SUDEEP SAHU

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## OBJECTIVE

To seek association with an established organization that provides an impetus in creativity and originality to contribute towards the growth of the organization and to benefit personally in terms of overall development.

## EDUCATION

**Symbiosis Institute of Technology**                                                        **Expected 2025**
*Bachelor of Technology in Computer Science and Engineering- **CGPA: 8.15/10***                 *Pune, India*

## SKILLS

**Languages**: C, C++, JAVA, Python, HTML, CSS, JavaScript
**Database & Frameworks**: SQL, MongoDB, ReactJS, Bootstrap, ExpressJS
**Platforms**: Windows, Linux
**Course Works**: Data Structure and Algorithms, Operating Systems, Object-Oriented Programming, Database Management System, Computer Networks

## EXPERIENCE

**Y4D Foundation**                                                                **Jul. 2023 - Nov. 2023**
*NGO Internship*                                                                            *Pune, India*
- Designed the website's UI/UX using Figma and implemented the design using React.Js.
- Created and drafted content on 5 different topics for NGO's educational videos on digital literacy, enhancing the organization's outreach and impact

**IEEE Bombay Section- Alhansat Solutions**                                        **Dec. 2022 - Feb. 2023**
*Full Stack Web Development (Winter Intern)*                                                   *Remote*
- Acquired knowledge about web development technologies (HTML, CSS, JavaScript).
- Led a group of 5 students from different colleges for timely submission of the given task.
- Developed a basic flowchart maker using HTML, CSS and JS

## PROJECTS

**CyberGuard** | *React.JS, MongoDB, ExpressJS*                                              **Jan. 2024**
- Developed an incident response portal for cybercrime reporting and mitigation.
- Executed frontend development with React JS, utilized MongoDB for database management and established connections using ExpressJS.

**Credit Risk Analysis** | *R Programming, Kaggle, RStudio*                                   **Oct. 2023**
- Conducted in-depth credit risk analysis of German credit dataset.
- Employed diverse *exploratory data analysis methods*, and *decision trees* for insights and utilized *regression models* to get predictive patterns.

**Airline Management System** | *Java, Swing, SQL, Netbeans*                                  **Apr. 2023**
- Developed Airline Management System enabling admin control over passenger data, bookings, and cancellations.
- Executed frontend development with *Java Swing and AWT*, utilized *SQL for database management* and established JDBC connections.

## PUBLICATIONS

***Performance in Credit Risk Analysis Using Statistical And Classification Models***
*Fifth International Conference on Computing and Network Communications (CoCoNet'23)*
- *Authored and published* a paper in *Springer's Lecture Notes in Electrical Engineering, indexed in Scopus*, focused on predictive modeling of credit risks using statistical and classification methods.
- Received valuable feedback from the reviewers and enhanced the paper, *decreasing the similarity score from 4 to 1.*

## ACHIEVEMENTS

- Led *40-member* cross-branch team as the *Chairperson of SIT ACM Student Chapter*, driving innovative project ideas and collaborating with *3 chapters* to deliver *10-20 successful events* and workshops..
- Placed *2nd in Hackers Haven* out of 50 students by debugging various code patterns and identifying the flags.
- Implemented an IOT project on a Laser Data Transmission system for the National Science Exhibition, placing *3rd out of 20 teams* around India.
- Ranked *1st out of 75 participants* in the Ramakrishna Mission declamation competition.