

# Achyutananda Sahoo

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📁 Portfolio : <https://iamsahoo.netlify.app>

## EDUCATION

### M.Tech - Computer Science and Information Security

2025 – 2027

*IIIT Hyderabad*

- CGPA : 9.44/10

### B.E. - Computer Science and Engineering

2020 – 2024

*Saveetha School of Engineering, Chennai*

- CGPA: 9.44 / 10.
- 1st Rank in 2nd, 3rd, and 4th year.
- Awarded Best Outgoing Student – 2024.

## EXPERIENCE

### Ciranta IT Services (Formerly Aspirant Labs)

Oct 2023 – Apr 2024

*Software Engineer Intern – Chennai, India*

- Worked on Odoo ERP customization based on various client requirements.
- Projects included building a custom Appraisal System, Employee Portal, CRM enhancements, API integrations, and marketing modules.

## PROJECTS

### **SORT IT OUT – A Sorting Algorithm Visualizer**

[🔗 Live Demo](#) [📁 GitHub](#)

*June 2025 - Ongoing*

- Developed an interactive web-based tool to visualize sorting algorithms such as bubble, insert, selection, merge, and quick sort.
- **Race Mode:** Users can compare the speed and efficiency of different sorting algorithms in real time.
- **Game Mode:** Enables users to manually sort arrays using a chosen algorithm, with live feedback on correct or incorrect swaps/moves (implemented for Bubble, Insertion and Selection sort).
- **Tools & Technologies:** React.js, Material-UI (MUI), CSS3, JavaScript, GitHub pages.

### **Customer Churn Prediction in the Banking Sector**

*Sep 2023 – Feb 2024*

- Built ML models to predict customer churn using demographic and behavioral data.
- Algorithms used: Logistic Regression, Random Forest, XGBoost, SVM, Decision Tree.
- Enhanced models using Target Driven Encoding.
- **Tools & Technologies:** Python, Scikit-learn, Pandas, Matplotlib, Jupyter Notebook.

## TECHNICAL SKILLS

- Programming: C/C++, JavaScript
- Technologies and Frameworks: HTML, CSS, JSX, Odoo (ERP & CRM), React JS, Bootstrap, MUI
- Tools: VS Code, Postman, Figma, Photoshop, Illustrator, Krita

## ACHIEVEMENTS

- GATE CS 2025 AIR 1814 (98.94 percentile)
- PGEE Rank: 150 – Admitted to IIITH CSIS
- Best Outgoing Student – Saveetha School of Engineering, 2024
- 1st Rank – B.E. (2nd, 3rd, and 4th year)
- Rising Star Award – Ciranta IT Services, 2023

## CERTIFICATIONS

- Mastering Data Structures & Algorithms in C/C++ – Udemy
- C++ Programming: Beginner to Advance – Udemy

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[🔗 Link](#)