# CHANDRASEKHAR SAMAL

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## SKILLS

**Technical Skills**

- **Programming Languages**:  C/C++, Java, Python, JavaScript
- **Web Development**:  HTML, CSS, Node.js, ReactJS, Express.js
- **Data & Cloud Technologies:** Machine Learning (Supervised, Unsupervised Learning), Data Engineering (ETL pipelines, Data Warehousing), AWS Cloud (S3, Glue, Redshift basics via AWS Academy)

## EXPERIENCE

**AI-ML Virtual Intern | AICTE & EduSkills | AWS Academy**                          (*Jan '25 – Mar '25*)

- Gained hands-on experience with **machine learning models, cloud-based ML deployment**, and fundamental AI concepts. Worked on exercises involving **data preprocessing, supervised learning, unsupervised learning**, and **model evaluation.**
- Developed skills in **Python, Jupyter Notebooks**, and cloud-native **ML solutions** under AWS Academy curriculum.

**Data Engineering Virtual Intern | EduSkills & AICTE (with AWS Academy)**                          (*Apr '25 – Jun '25*)

- Developed skills in building scalable data pipelines and ETL workflows. Focused on data ingestion, transformation, and warehousing techniques.
- Developed practical understanding of **data infrastructure,** cloud services, and data management. Worked with AWS services like S3, Glue and Redshift to manage large datasets.

## EDUCATION

**Radhakrishna Institute of Technology and Engineering, Odisha**                          (*2022 – 2026*)

B.E. in Computer Science and Engineering                          *CGPA: 8.23/10*

## ACADEMIC PROJECTS

**Spotify Clone | Responsive Music Streaming Website**

- Developed a responsive and interactive music streaming website clone inspired by Spotify's user interface and core features.
- Designed and styled the UI to closely resemble Spotify, including navigation bar, playlist section, song cards, and footer using HTML and CSS.
- Implemented play/pause functionality, progress bar updates, and dynamic song list using JavaScript.
- Enabled real-time audio playback controls with *Audio* API for seamless user experience.

**Amazon Clone Website**

- Developed an Amazon clone website using HTML and CSS to replicate core UI features of the e-commerce platform.

**CloudPoint – APIs based Weather Application**

- A Google Maps & Weather API based application for real-time weather information on Maps with additional functionalities – JavaScript, Handlebars, Node.js.

## CERTIFICATIONS

- AI-ML and Data Engineering by AICTE Eduskills & AWS Academy, gaining hands-on experience in Machine learning and data engineering.
- Certified Python 3.4.3 training and PHP & My SQL by IIT Bombay's Spoken Tutorial Program.
- Google Cloud - Introduction to Generative AI on Coursera.
- Technology Job Simulation – Deloitte (Forage) - Practical training in coding & development.