

# SANTANU MAJUMDER

Roll No.:

Bachelor of Technology

Kalinga Institute of Industrial Technology, Bhubaneswar

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## EDUCATION

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• **Bachelor of Technology in Computer Science and Electric Engineering** 2020-27  
*Kalinga Institute of Industrial Technology, Bhubaneswar* CGPA: 8.88

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## PERSONAL PROJECTS

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### • Web Based Facial Authentication(Liveness Detection)

*A website based facial authentication system, implemented using a Chrome Extension.*

- Facilitating users' logins to websites without having to remember their credentials
- Used Live detection techniques to create high order security.
- Technology Used: Python, Reactjs, Bootstrap.

### • Realtime Chat App

*A react based web application which allow users to chat in real time.*

- Used Firebase Authentication(SDK) to facilitate authentication & Cloud Firestore to store data.
- Technology Used: Reactjs, Firebase, Bootstrap, HTML.

### • Covid-19 Tracker

*Daily and weekly updated statistics tracking the number of COVID-19 cases, recovered, and deaths.*

- Tracking world-wide cases using google maps and live API stats and datasets.
- Technology Used : JavaScript , CSS, HTML, API.

## EXPERIENCE

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• **AWS Cloud Virtual Internship** May - July 2023

*AICTE-Eduskills*

Online

- In-depth understanding of AWS cloud computing services, including EC2, S3, RDS, Lambda, IAM, VPC, and more.
- Proficient in designing, deploying, and managing fault-tolerant, highly available, and scalable AWS solutions.
- Strong knowledge of architectural best practices, such as AWS Well-Architected Framework, security, performance, and cost optimization.
- Hands-on experience in cloud infrastructure provisioning, monitoring, and automation using AWS Management Console and AWS CLI.

• **Palo Alto Cybersecurity Virtual Internship** Dec 2022 - Feb 2023

*AICTE-Eduskills*

Online

- Learned the fundamentals of Security Operations Center (SOC).
- Learned basics of Network & Cloud Security.

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** C/C++, Python, Javascript, HTML+CSS

**Libraries :** C++ STL, Python Libraries, ReactJs

**Web Dev Tools:** Nodejs, VScode, Git, Github

**Frameworks:** ReactJs

**Cloud/Databases:** MongoDB, Firebase, Relational Database(mysql)

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

**Areas of Interest:** Web Design and Development, Cloud Security.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## POSITIONS OF RESPONSIBILITY

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• **On Desk Registrations Volunteer** Aarhant Cyber Week Event - RCOEM, Nagpur Oct - Dec 2022

- Helped to attract close to 300 attendees to the event.
- Collected over Rs. 20,000 in entry fees for different activities.