

# Sayan Hazra

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## EDUCATION

**B. Tech. Computer Science and Engineering**  
KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY  
Cum. GPA: 8.73/10

Oct' 20 - Aug' 24 (Expected)  
Bhubaneswar, Odisha

## PROJECTS

### VISITOR VAULT

EXPRESS, REDIS

- **Description:** Designed a scalable website analytics tool using Express and Redis, providing real-time IP logging and page view tracking, enhancing data-driven decision-making.
- **Features:** Parameterized query for total view output displayed on shields.io, automatic +1 increase in page views upon reload, and real-time IP logging to track users.
- **Exposure:** *Express, Rest APIs, Argon2, JWTAuthentication, MongoDB, Redis*

### FOOD SAVERS - MINIMIZING THE FOOD WASTE

TEAM PROJECT

Best Beginner Team @ HackOn 2.0, Major League Hacking

- **Description:** Food Savers is an app designed to reduce food wastage by allowing communities to come together digitally to share food items preventing avoidable food wastage.
- **Features:** Secure login using Firebase authentication, text and barcode recognition using Firebase Machine Learning Kit API, food recognition using Open Food facts API, personal virtual fridge, community sharing, messaging service, and simple UI design for easy navigation.
- **Exposure:** *Flutter (Dart), Tensorflow, Firebase, Firestore, Cloud Messaging, Rest APIs, Arduino*

### MEET-LINK

JAVASCRIPT, WEBPACK

- **Description:** Built and launched a Dynamic URL that streamlined the process of joining Google Meet link for students with weekly class schedules; increased student attendance by **40** percent.
- **Features:** Fetch faculty name and subject code as per the class schedule, option of selecting a section, enable users to upload timetable which will sync with all users in that section, minimise search for links before joining a class.
- **Impact:** *Have been used by more than 300+ Students with over 25K views within a month.*

## WORK EXPERIENCE

### GRAPIXI | WEB DEVELOPER

Remote | Jun 2021 - Aug 2021

- **Developed and maintained** a portfolio website for Grapixi (a student-led startup of VSSUT, Burla)
- Lead a team of **four** (TeamClover) maintaining CI/CD of the app.

### CRIO.DO | CRIO WINTER OF DOING (CWOD) - EXTERNSHIP

Remote | Jan 2021 - Feb 2021

- Learned basics of **HTTP, REST API, Linux, Git and Amazon Web Services (AWS)**
- Did modules on **HTML, CSS and JavaScript** and hosted a **portfolio** website
- **Qualified** and further moved to **Stage 2** of the programme

## ACHIEVEMENTS

- **Google Hash Code:** Points scored: 20,92,461 , **Global Rank 1735** (Country Rank 488)
- **Codechef:** Max Rating: **5 star (2000)** , Best Performance: **Global Rank: 125** in June Cook-Off 2021 Division 2
- Cleared **Problem Solving ( Intermediate )** and **Node Js ( Advanced )** assessment by **HackerRank**
- Got accepted into **AWS Machine Learning Engineer Nanodegree** program by Udacity

## SKILLS

**Technical:** Java, C/C++, Python, Javascript, Mongoose, Express, React, Data Structures, Algorithms, AWS, Git

**Non-Technical:** Teamwork, Leadership, Versatility, Problem Solving, Chess, Painting