Sayan Hazra

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EDUCATION

B. Tech. Computer Science and Engineering   Oct' 20 - Aug' 24 (Expected)
KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY   Bhubaneswar, Odisha
Cum. GPA: 8.73/10

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

- Did modules on **HTTP, REST API, Linux, Git and Amazon Web Services (AWS)** 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**
- Qualified for **Level 2 in Flipkart GRiD 5.0** - Health+ Track, the **only team** from the college to do so.

SKILLS

Technical: Java, C/C++, Javascript, MySQL, PostgreSQL, Mongoose, Express, React, Data Structures, Algorithms, AWS, Git
Non-Technical: Teamwork, Leadership, Versatility, Problem Solving, Chess, Painting