Saswat Samal

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Leetcode LinkTree

EDUCATION

International Institute of Information Technology, Bhubaneswar **2020 - Present**
Computer Science And Engineering *CGPA - 8.21*

- Coursework - Data Structures and Algorithms, Operating System, DBMS, and Computer Networking

EXPERIENCE

Microsoft
Microsoft Engage Mentee'22 *05/2022 - 06/2022*

- **Designed** and **developed** the web application "**GateKeeper**" utilizing **TensorFlow** for facial recognition and integrated it with a decentralized payment system on the Hedera network.
- Improved **Productivity** by **20%** through the implementation of real-time statistics using **Chart.JS**.
- Utilized Firebase and **Node** for back-end development, **React** for client-side development, and **TensorFlow** for facial recognition.
- **Assisted** three mentees in completing their projects, demonstrating strong **leadership** and mentorship skills.

Major League Hacking (MLH)
MLH Prep Fellow'22 *07/2022 - 08/2022*

- Implemented an **Image Compression** action on a GitHub workflow that reduced loading time by up to **60%** by **optimizing** image file size.
- Contributed to a vast **open-source** project, **resolved 24 issues**, and participated in **141 pull requests**.
- Demonstrated experience in collaborating with people from a global community on various projects and applications
- Demonstrated strong technical skills and a commitment to open-source development through successful contributions.

PROJECTS

MovieNix - Powered by Hedera *11/2021 - 12/2021*

- **MovieNix** is a **decentralized movie streaming** application built on top of **Hedera's Hashgraph-SDK**.
- **Implemented pay-per-second(PPS)**, pay for the number of seconds you watch, and also added a **subscription feature** using **hbars** through a **one-click** buy option and **watch** before it expires in **14 days**.
- Technologies used **Hedera's Hashgraph SDK, ReactJs, TMDB API, NodeJS, Firebase, and Heroku.**

Gate-Keeper- Powered by TensorFlow and Hedera *05/2021 - 06/2021*

- **GateKeeper** is one of a kind **attendance management** system built using **Face-API** built on top of TensorFlow and integrated with a decentralized payment system built on top of Hedera Network.
- **Added** real-time **statistics** using Chart.JS, check **balance**, and **transaction** history feature.
- Technologies used **Hedera's Hashgraph SDK, TensorFlow, ReactJS, NodeJS, Firebase, and ChartJS.**

SKILLS & INTERESTS

Languages: HTML**,** CSS**,** C/C++, Javascript, GO, JAVA, YAML, SQL, NoSQL, Linux.
Libraries/Frameworks: ReactJS, NodeJS, ExpressJS, MaterialUI, Bootstrap, React-Native, Jekyll.
Tools/Platforms: Git, GitHub, Visual Studio, Amazon Web Services, Docker, NPM, Kubernetes.
Databases: MongoDB, Firebase.

Interests: Problem Solving, Full-stack Web Development, DevOps, and Cloud Computing.

ACHIEVEMENTS

- Winner in Hedera Hashgraph India Web3.0 Hackathon.
- Grand Finalist in Smart India Hackathon '22.
- Finalist in HarbourX Hackathon.
- Linux Foundation training scholarship recipient'22.
- Solved more than 200 DSA problems in platforms such as Leetcode and GFG.

VOLUNTEERING EXPERIENCE

Google Developer Student Clubs - IIIT Bhubaneswar
Web development tech member

- In charge of all the web development activities and took various sessions on web development technologies such as chrome developer tools, getting started with web development, and so on.
- Guided and mentored more than 200+ students on how to get started with programming.