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

HEALTH VAULT ⬏   Next.js, Solidity, Ethereum

- Proficiently engaged in Decentralized Healthcare, developing a Electronic Health Records Management platform on Ethereum Blockchain, solving **interoperability** and **privacy** among stakeholders.
- Utilized **Next.js** to create intuitive interface and leveraged **IPFS** for decentralized file storage, ensuring the integrity and availability of records.
- Strengthened platform integrating **Aadhaar API** for OTP-based authentication, **countering DDOS** and Sybil attacks.

CLOUD DRIVE ⬏   EJS, Express.js, MongoDB

- **Description:** Engineered a **cloud storage drive** application facilitating seamless file management, organization, and **sharing** in a secure and **scalable** architecture with **direct relay to S3 Buckets**.
- **Features:** **Admin control** for file management, **EJS templates** for dynamic user interfaces including a **advanced search** functionality and a **timeline to track file uploads** based on their proximity.
- **Exposure:** *Express, EJS Template, Rest APIs, Bcrypt, JWTAuthentication, MongoDB*

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

PEGMAN | Backend Engineer   Remote | Aug 2023 – Present

- Designed the system architecture for **delivery engine**, empowering the platform as users' doorstep Liquor Delivery.
- Devised optimal approaches, achieving **99.8 percent** crash-free user sessions making it highly scalable and available.
- Developed **8+ endpoints** across **2 microservices** integrating with **OMS** and **Aadhaar API** for e-KYC Verification.
- Engaged in product/design discussions, offering valuable insights to impact product development, user satisfaction.

GRAPIXI | Freelance   Remote | Jun 2021 - Aug 2021

- Employed **HTML, CSS, JavaScript** and **jQuery** to build the website for Grapixi (a student-led startup of VSSUT, Burla) **optimizing responsiveness** and **cross-browser compatibility**.
- Lead a team of **four** (TeamClover) **managing CI/CD pipeline** for seamless updates on Netlify.

ACHIEVEMENTS

- **Google Hash Code:** Points scored: *20,92,461* , *Global Rank 1735* (*Country Rank 488*)
- 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, Javascipt/Typescript, MySQL, MongoDB, Redis, Express.js, React/Next.js, Data Structures, Algorithms, Docker, AWS, Git
Non-Technical: Teamwork, Leadership, Versatility, Problem Solving, Chess, Painting