Sayan Hazra

iamsayan568@gmail.com | +91-7278477569 | linkedIn/mrsayan | github/mrsayan | codechef/mrsayan

EDUCATION

B. Tech. Computer Science and Engineering   Sept' 20 - Aug' 24 (Expected)
Kalinga Institute of Industrial Technology   Bhubaneswar, Odisha
Cum. GPA: 8.73/10

WORK EXPERIENCE

PEGMAN | Backend Engineering - Intern   Remote | Aug 2023 – Present
- Designed the system architecture for **delivery engine**, empowering the platform as users' doorstep Liquor Delivery.
- 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.

HIGHRADIUS | Product Engineering - Intern   Remote | May 2023 - Jul 2023
- Built an **AI-Enabled** FinTech B2B Invoice Management application using React, Java, and MySQL.
- Deployed a payment prediction model with **80% accuracy** via **EDA** and **Feature engineering** using Python.

GRAPIXI | Freelance   Remote | Jun 2021 - Aug 2021
- Employed **HTML, CSS, JavaScript** & **jQuery** to built **responsive** portfolio with **cross-browser compatibility**.
- Led a team of **four** (TeamClover) **managing CI/CD workflows** for seamless updates on Netlify.

PROJECTS

SYNC SPEAK ⤴   React.js, WebRTC, MongoDB
- Developed social audio app leveraging **WebRTC** & **SocketIO** for **real-time** chat with an average **latency of 45-75ms**.
- Architectured **microservices** and implemented the **MVC** pattern for improved scalability and maintainability.
- Orchestrated **protected routes** using 'react-router-dom' and efficient **global-state storage** using Redux.
- Integrated **Twilio API** for **OTP**-based authentication over sms /email to enhance security and user verification.

HEALTH VAULT ⤴   React.js, Solidity, Ethereum
- Proficiently engaged in Decentralized Healthcare, developing a Electronic Health Records Management platform on Ethereum Blockchain, solving **interoperability** and **privacy** among stakeholders.
- Built **easy interface** using **React** and ensured the integrity and availability of decentralized records via **IPFS**.
- Utilized Solidity and **Truffle** for smart contract development amd deploying locally with **Ganache** and Metamask.
- Strengthened platform integrating **Aadhaar API** for **e-KYC** authentication, **countering DDOS** and Sybil attacks.

CLOUD DRIVE ⤴   EJS, Express.js, MongoDB
- Engineered a secure, **scalable** cloud storage for file management & synchronization with direct relay to **S3 Bucket**.
- Designed dynamic user interfaces with **EJS** templates, enabling admin controls, search and **sharing** capabilities.

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

Languages: Java, Javascript/TypeScript, Python, Solidity   **Databases:** MySQL, MongoDB, Redis, Prisma
Technologies: React, Node.js, Express, Truffle, WebRTC, SocketIO, Postman   **Cloud:** Linux, Docker, AWS (S3, EC2), Git Actions