

Raunak Kumar Singh

3rd year

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Computer Science Engineering

👤 PORTFOLIO

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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2020 - Present	B.Tech	Indian Institute of Information Technology, Kottayam	7/10
2019	Class XII (CBSE)	Modern School, Noida	75%
2017	Class X (CBSE)	Spring Dales Public School, Muzaffarnagar	10/10

Skills Summary

- **Languages:** C++, JavaScript, Basic JAVA, Solidity
- **Frameworks:** ReactJS, NodeJS, ExpressJS, Web3, BootsTrap, Material UI, Chakra UI
- **Tools:** Docker, GIT & GITHUB, MySQL, MongoDB, Hardhat, Alchemy
- **Soft Skill:** Learning ability, Problem-solving, Time management, Teamwork

Work Experience

NodeJS developer | Bitwork Lab

may'22 - June22

- design & developed **APIs** for a **CRUD** application to support the upload and display of Excel file using MERN stack
- Implemented Excel file validation and JSON Web Tokens-based authentication for the REST API

Key Projects

Blockchain-based Warranty System Using NFT 🦊 | Web Project | MERN & Blockchain

Ongoing...

- Blockchain-based warranty system ensures real-time warranty and anyone can verify its owner, all buyer and seller & warranty by just a QR code Scan.
- Tech: **ReactJS, NodeJS, ExpressJS, Web3, Solidity, Ethereum, Firebase, Bootstrap.**

MT-MX Converter 🦊 | REST API in Microservices | NodeJS

August-22

- build a REST API in microservices to convert Old Banking payment receipt MT103 format into New payment receipt Pacs008 format.
- Tech: **NodeJS, Regex, Docker, Nginx, AWS.**

DSA PRACTICE SHEET 🦊 | REST API in Microservices | MERN Stack

June-22

- Website has SignUp, Login & LogOut functionalities along with Authentication using **JWT**. Each user's data will be stored in the database(MongoDB). The password of the user is also secured by **BcryptJS** package of NodeJS for hashing the password of the user.
- Tech: **ReactJS, NodeJS, ExpressJS, MongoDB, POSTMAN, Bootstrap, Material UI.**

Relevant Coursework

* Online Courses

Data Structure & Algorithm*
Solidity & web3*

Operating System
MERN stack*

Computer Network
Blockchain & its Application*

Achievement

- Runner up in Nest Digital Microservices Hackathon held at Kakanad Kochi
- Qualify two rounds in L&T technology services hackathon selected in 129 out of 3500+ students
- LeetCode(170+ question) 🦊 | Codeforces(1200+) Pupil 🦊 | Codechef(3*) 🦊