

# Raunak Kumar Singh

3rd year      ✉ RAUNAKSINGH20BCS124@IIITKOTTAYAM.AC.IN | ☎ +917838075877  
Computer Science Engineering      👤 PORTFOLIO | 📧 RAUNAKKUMARSINGH | in RAUNAK554

## 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 - June'22*
- 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

- 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.**
- 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.**
- Blockchain-based Warranty System Using NFT 📄 | Web Project | MERN & Blockchain** *January-23*
- 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,Etherium, Firebase, Bootstrap.**

## Relevant Coursework

\* Online Courses

Data Structure & Algorithm*	Operating System	Computer Network
Solidity & web3*	MERN stack*	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\*) 🐙