Raunak Kumar Singh

Final year
Computer Science Engineering

✉ Raunaksingh20bcs124@iiitkottayam.ac.in | ☎ +917838075877
👤 Portrolio | ⌨ raunakkumarsingh | in raunak554

EDUCATION

Year	Degree/Certificate	Institute	CPI/%
2020 - Present	B.Tech in CSE	IIIT 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
- **Core Subject**: Operating System, OOPS, DBMS, Blockchain

WORK EXPERIENCE

Web developer | **Technical Club**
- Design & developed responsive website for college fest.
- Implemented secure Login, SignUp and Forget password with JWT authentication.
- Developed and implemented a REST API using google script and JSON Web Tokens-based auth.

KEY PROJECTS

DSA-SHEET ⌨ | MERN Stack | link ⚲   *June-22*
- DSA SHEET is a website that helps individuals to **learn DSA** in a constructive and effective manner.
- Implemented secure Login, SignUp and Forget password with **JWT authentication**.
- Sheet Data is also **Cached** to ensuring a seamless and fast access experience, even in unstable connection.
- **250+ real-time users** on the DSA sheet solve questions from this website.
- Tech: **ReactJS, NodeJS, ExpressJS, MongoDB, POSTMAN, Bootstrap, Material UI.**

MT-MX Converter ⌨| Microservices | Video ▶   *August-22*
- Develop **microservices** to validate, and convert old **MT103** payment receipts into **Pacs008** formats.
- Establish secure communication of REST API endpoints for receiving MT103, delivering Pacs008 format.
- Implented microservices in docker container and hosted container on AWS.
- Tech: **NodeJS, Regex, Docker, Nginx, AWS.**

CypherWallet ⌨ | NPM | NodeJS   *January-23*
- Develop a Node.js script to creates and imports **BIP39 mnemonic** wallets, lists wallets, and retrieves Bitcoin balance and transactions and connect with blockchain test network using BlockCypher API.
- Implement functionalities to generate BTC addresses for wallets and store them locally using Sqlite3.
- Tech: **NodeJS, ExpressJS, BIP39, Better-Sqlite3.**

ACHIEVEMENT

- Runner up in Nest Digital **Microservices Hackathon** held at Kakanad Kochi.
- Secured the **3rd rank** in the coding contest held in College technical fest.
- Qualify two rounds in L&T technology services hackathon selected in **129 out of 3500+** students.
- **LeetCode**(300+ question) ⚲ | **Codeforces(1200+)** Pupil ⚲ | **Codechef(3*)** ⚲
- Elected as Placement Coordinator at IIIT Kottayam.

CERTIFICATION

- Blockchain and its Applications (NPTL) ⚲
- Data Structure & algorithm (Udemy) ⚲