RACHIT JAIN

Computer Science Engineer

✉ jainrachit959@gmail.com   📞 +91-824-061-5745   📍 Kolkata, India   in **LinkedIn**   ○ **Github**   🔗 **Portfolio**

EXPERIENCE

SDE – Internship
KEYSIGHT TECHNOLOGIES

📅 Feb 2022 – June 2022   📍 Kolkata (Remote)

- Developed a Virtual Network topology to research & test new designs before implementing them on production.
- Implemented a uniform automation & modelling layer to address the scalability issue.
- Developed the modelled based API layers to configure the emulation and run of EXABGP in a Kubernetes/Docker based emulated environment.

Senior Analyst – Cybersecurity
ERNST & YOUNG LLP

📅 July 2022 – Present   📍 Gurgaon (Remote)

- Conducted regular threat and risk assessments to identify vulnerabilities and implemented proactive measures, reducing the client's overall risk exposure by 25%.
- Developed and implemented incident response plans, resulting in a 50% reduction in the impact of security breaches and minimized downtime.
- Conducted forensic analysis of security incidents, preserving and analyzing digital evidence to support investigations and potential legal proceedings.
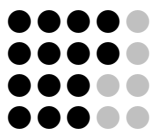
SKILLS

Programming Languages

Python, C/C++, Javascript   ●●●●○
HTML/CSS, Dart   ●●●○○
Java, Motoko   ●●○○○

Technical Skills

OOPs, DSA   ●●●●○
Web Developement   ●●●●○
Android Developement   ●●●○○
WEB3, Blockchain   ●●●○○

Applications/ Frameworks

React   Tailwind   Next.js   Node   Git
MongoDB Atlas   Flask   Ubuntu

Strengths

Googling   Problem-Solving   Efficiency
Communication   Teamwork   Adaptability

HOBBIES

Gym   Football   Reading   Video-Games

PROJECTS

Custom Crypto – TRON Coin

- **Web3**, **Internet Computer Protocol(ICP)**, **Motoko**, **Javascript**, **React**, **HTML**, **CSS**, **IC Authentication**
- Designed and developed a custom crypto token utilizing **Internet Comouter** blockchain technology.
- Implemented the **Faucet** functionality, transferring 10K tokens to users logging into the website. User is authenticated via IC Authentication.
- Developed **Check Balance** functionality allowing users to check their token balance using their ID.
- Created a **Transfer** functionality enabling users to transfer tokens to other accounts with specified parameters.

NFT Marketplace – OpenD

- **Web3**, **Internet Computer Protocol(ICP)**, **Motoko**, **Javascript**, **React**, **HTML**, **CSS**, **TRON token transfer**
- Developed OpenD NFT Marketplace, empowering users to mint and trade their own NFTs with ease.
- Used Dfinity server, IC canisters , Motoko+Javascript for backend, React for frontend.
- Implemented **Discover** section to explore and purchase from a diverse range of NFTs, **Minter** section, for users to easily mint and set custom prices for their NFTs, **My NFTs** section for users to manage their owned NFTs and set personalized selling prices, enhancing control and ownership.

Flight Deal Finder

- **OOPs, Python, Twilio SMS Module, Sheety API, Google Sheet data management**.
- Developed an automated Python code which runs online to look for the cheapest flight to desired locations.
- Notifies user via automated SMS/Email if a desired price to a certain location is found.

Miscellaneous

- Created a Blog Website using **HTML, CSS, Javascript** for frontend & **Python Flask** backend for dynamically rendering individual blog post: Website 🔗.
- Checkout my other projects on my Personal Portfolio Website built using **React**, **Next.js**, **Tailwind**, **Framer Motion**: Website 🔗

EDUCATION

B.Tech in Computer Science Engineering
SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY

📅 July 2018 – June 2022   ● CGPA: 8.9

Senior Secondary Examination, CBSE
Bholananda National Vidyalaya

📅 June 2018   ● Score: 75%

Secondary Examination, CISCE
Methodist School

📅 June 2015   ● Score: 90%