

Vishnu Nair

<https://vish1504.github.io/> | vish.official1504@gmail.com

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY

B.TECH IN CSE
2023 | Vellore, Tamil Nadu
CGPA: 7.84 / 10.0

DELHI PRIVATE SCHOOL

HIGH SCHOOL DIPLOMA - CBSE
May 2019 | Sharjah, UAE
Percentage : 76 /100

DELHI PRIVATE SCHOOL

GRADE 10 - CBSE
May 2017 | Sharjah, UAE
CGPA: 9.4 / 10.0

LINKS

Github:// [Vish1504](#)
LinkedIn:// [Vishnu Nair](#)

SKILLS

LANGUAGES

Java • HTML5 • CSS3 • Javascript •
Node.js • Express.js • bash

DATABASE

MySQL • MongoDB

CLOUD TECHNOLOGY

AWS

TOOLS

Git • Github

PROJECTS

QUANTUM PROOF CHAT APP

Quantum proof chat app is a real time chatroom built solely for the reason of being resistant to quantum attacks with the use of McEliece and Krystal-Kyber algorithms (HTML , CSS , JavaScript , Node.js, Express.js , socket.io , McEliece , Kyber , AES , RSA)

SUBREDDIT SCRAPER

Developed a **Web scraper**, to help extract data from any Reddit forum using puppeteer and save the results onto a CSV file. (JavaScript , Node.js, Express.js , puppeteer, json2csv)

SAFE SHARE

Developed **Safe-Share**, an application that can be used to share a file securely with the help of AES encryption (HTML , Node.js, Express.js, MongoDB, multer, crypto.js)

EXPERIENCE

THE PHOTOGRAPHY CLUB

| SECRETARY | DEC 2021 – PRESENT | VELLORE, TAMIL NADU

- In charge of all the communications between the club and the university.
- Trained and up skilled **120+ club members** in the art of photography.

| PR HEAD | JAN 2021 – DEC 2021 | VELLORE, TAMIL NADU

- In charge of the official Instagram handle of The Photography Club VIT.
- **Led the club's marketing and advertising team** for all events and campaigns.
- **Collaborated with Canon** as a representative of the club in order to conduct events at VIT, Vellore.
- Conducted workshops on portrait and black / white photography for **100+ students**

VINNOVATEIT

| SOCIAL MEDIA ANALYST | JUNE 2021 – JAN 2022 | VELLORE, TAMIL NADU

- **Managed all the social media handles** for the organization including Instagram, Facebook and Quora.
- Led the team to acquire **15+ panelists** for the flagship event Vinprep.

PUBLICATIONS

COMPARING THE RESILIENCE AND EFFICIENCY OF POST-QUANTUM AND ASYMMETRIC ENCRYPTION

May 2023

We conducted a study evaluating post-quantum cryptography algorithms based on key parameters such as memory consumption, encryption time, decryption time, and key generation time. Our aim is to assess the potential utility of these algorithms in practical contexts. The study is set to be published in the next edition of the Journal of Data Acquisition and Processing.

CERTIFICATIONS

Aug 2021 **AWS** AWS Certified Cloud Practitioner (CLF), AWS
Feb 2023 **Hackerrank** SQL (Basic) Certificate