Rahul Kumar Yadav

Octet Learnings
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EDUCATION

CHANDIGARH UNIVERSITY
BE in Computer Science
CGPA: 7.78/10 (current)
2020-2024

KENDRIYA VIDYALAYA AMBERNATH
CBSE (CLASS XII)
Percentage: 78%
2019-2020
CBSE (CLASS X)
Percentage: 80.2%
2017-2018

LINKS

Github:// Octet3290
LinkedIn:// Rahul Kumar Yadav
Blog:// Octet Learnings
Leetcode:// octet3290
GFG Practice:// octetrahul3290

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Object Oriented Programming
Operating Systems
Database Management System
Computer Networks
Blockchain Technology
Software Development

SKILLS

PROGRAMMING
Experienced:
C++
Intermediate:
• C • CSS • HTML • NextJS
• YAML • AWS S3• AWS IAM
• Jenkins• Docker• Kubernetes
• GitHub Webhooks
• AWS Amplify• AWS EC2
Familiar:
React • Python • Solidity • Smart
Contracts• Sanity.io• ThirdwebAPI

INTERPERSONAL SKILLS

• Decision making • Adaptability
• Problem Solving • Self-directed
• Management and coordination

PROJECTS

JENKINS CI/CD WITH GITHUB INTEGRATION
April 2023 - May 2023
- Created **AWS EC2** Instance for implementation of dependencies.
- Used **Jenkins** to implement **CI/CD** pipeline.
- Integrated Jenkins with **GitHub** to pull the source code from Git repository to automate the entire workflow.
- Used **GitHub Webhooks** to trigger Jenkins job after every push in repository

WEB 3.0 NFT-BLOCKCHAIN DECENTRALIZED APPLICATION
September 2022 – October 2023
- Created the website using **NextJS**, styled it with the help of **Tailwind CSS**.
- You can create and mint your own NFT Tokens using the **thirdweb SDK** Added Web 3.0 authentication using **Metamask**.
- Added **Web 3.0 authentication** using Metamask.
- Storing data and information about the tokens you created in **Sanity.io**
- Created a **send and receive functionality** for your NFTs on the blockchain network.
- Includes interaction with **Smart contracts** and displays **Latest Transaction**.

OCTET LEARNINGS
August 2021 – November 2022
- This is a AWS hosted website, hosted using **AWS S3, AWS IAM** and **GitHub Actions**.
- Integrated **user authentication** and authorization using **1password**.
- The topics published are:
  - Introduction to **Docker**
  - Introduction to **Kubernetes**
  - Introduction to **Data Structures and Algorithm**(ongoing)
  - Introduction to **Web development**(ongoing)
  - Introduction to **DevOps**(ongoing)
- This site even includes a **minimal backend** part made using **EmailJS**, where users can ask query and **can publish their own learnings**.

ACHIEVEMENTS

- Successfully completed **Digital Ocean's Hacktoberfest 2022** as a **contributor** as well as **maintainer**. Knows how to **pull and merge requests** on GitHub.
- Solved over **300+ problem** in **C++ programming Language** on competitive coding platform such as Leetcode, GFG Practice, Codestudio, Hackerrank and Codechef.

INTERESTS

- Genuine enthusiasm in exploring technical domains.
- Listening to Electronic Dance Music of Hardstyle and Tech-House genre
- Watching anime and reading stuffs related to Time travel Conspiracy theories.
- Passionately engaged in DJing and Music production.
- Profound interest in Fashion Aesthete.