Ritika Jain

4th Year B.tech(CSE) Student

Undergraduate

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EDUCATION

B.tech in Computer Science
Jaypee Institute of Information Technology

07/2017 – Present   *9.2 CGPA*

Secondary Education
Silver Line Prestige School (CBSE), Ghaziabad

04/2016 – 04/2017   *92.8%*

Courses
- Science(PCM)

High School Education
Silver Line Prestige School(CBSE), Ghaziabad

04/2014 – 04/2015   *10.00 CGPA*

ACADEMIC PROJECTS

Decentralized Voting platform Using Ethereum Block-chain
- Implemented using Ethereum Block-chain,ReactJS (front-end), Solidity(Smart Contracts), NodeJS (Back-end), Google cloud fire store-Firebase (Database and storage).

Trust Building Dapp for Enhancing Social Relationships and dealings using Block-chain
- Implemented using Ethereum Block-chain, ReactJS (front-end), Solidity (Smart Contract), NodeJS (Back-end)

Flood Relief Shelter Allocation Using NIA
- Implemented using genetic algorithm in python.
- Python Dependencies used: Geopy (for GIS operations), Folium, Pandas, NumPy, etc.

Comparative Study of Community Detection Algorithm using Clustering Techniques.
- Traditional Hierarchical Clustering using Jaccard's Distance
- Modified Agglomerative Clustering using Conductance and belonging degree.
- louvian Algorithm
- Divisive Clustering based on Girvan Newman Method

WORK EXPERIENCE

Summer Industrial Trainee
Jaypee Institute Of Information Technology

05/2020 – 06/2020

Achievements/Tasks
- Designed And Developed a decentralized E-voting platform using Block-chain For India Under our assigned faculty supervisor.

Supervisor: **Dr. Pawan Singh Mehra**

TECHNICAL SKILLS

Object Oriented Programming

Ethereum Block-chain

Block-chain Technologies- Solidity, Web3.js , Truffle, Ganache-Cli

Web Technologies : HTML, JavaScript, MySQL, React(Basic), NodeJS (Intermediate)

Cloud Technologies: Google Cloud Engine (GCP)

HACKATHONS AND COMPETITIONS

UPES Hackathon'19 (Dehradun)
Built an ERP System for Leave and Assignment Management

ORGANIZATIONS AND EVENTS

JSCOP'18 (Student Conference OSA)
Member of Organizing Committee (Marketing team)

JMUN'19 (Jaypee Model United Nations)
Member of Organizing Committee (Marketing Team)

CERTIFICATES

Ethereum & Solidity: The Complete Developers Guide
Udemy

Google Cloud Platform Fundamentals: Core Infrastructure
Coursera

Essential Google Cloud Infrastructure: Foundation
Coursera

Essential Google Cloud Infrastructure: Core Services
Coursera

LANGUAGES

C

C++

Python

Javascript