Ujjwal Lal

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EDUCATION

Bachelor of Engineering in Electrical and Electronics Engineering (8.86 CGPA)   Bengaluru, India | 2021
DAYANANDA SAGAR COLLEGE OF ENGINEERING

WORK EXPERIENCE

LTIMINDTREE
SENIOR CLOUD ENGINEER   Pune | Aug 2021-Present
- Designed and implemented notification system on multiple entities from scratch using **Power Automate** decreasing approval time by over 5 times.
- Developed **Power Automate** flows and **Workflows** for synchronization of multiple entities to generate updated **Power BI** reports cutting down the process by 75%.
- Standardization of historical database & implementation of new renewal process increasing the renewals by 3 times.

INDIAN INSTITUTE OF TECHNOLOGY (ISM) | SUMMER TRAINEE   Dhanbad, India | June 2019
- Worked on the RSA cryptosystem and its implementation at the Department of Computer Science and Engineering.
- Image encryption using the RSA algorithm with the application of homomorphic technique.
- Studied image encryption using Singular Value Decomposition and chaotic logistic map.

PROJECTS

VIDEO CALL APP ⬈   REACT.JS,NODE.JS,EXPRESS,WEBRTC,SOCKET.IO
A React video calling app using WebRTC with feature of calling user with unique id.

RSA ALGORITHM IMPLEMENTATION USING C++ ⬈   C++,CRYPTOGRAPHY,MATLAB
This program performs encryption and decryption using RSA Algorithm.

TO DO LIST APP ⬈   NODE.JS,EXPRESS,MONGODB
The app has features like adding items ,ticking out the completed items from the list and saving data in the database.

SKILLS

Day to Day : Node.js , Express , React.js, MongoDB, JavaScript, C++, Data Structures, Algorithms, Dynamics 365
Familiar : Java, Spring, EJS, Python, HTML5, CSS3, Bootstrap, Django, MATLAB, , Wordpress

PROFILE LINKS

- Leetcode-ujjwallal25
- GeeksforGeeks-ujjwallal25
- Codechef-ujjwal2512
- HackerRank-ujjwallal25

CERTIFICATIONS

- The Complete 2023 Web Development Bootcamp **(Udemy)**
- Data structures and Algorithms **(GeeksforGeeks)**
- Software Engineering Virtual Experience **(JPMorgan Chase & Co)**

ACHIEVEMENTS

- Ranked **36** in **Nokia Collegiate Code Warriors Hunt 2021**
- Awarded **overall best final year project** in Dept.
- Cleared **Infinity Coding Challenege 2021** by **LTI**
- Ranked **180** in **TECHGIG Code Gladiators Finale 2020**

POSITION OF RESPONSIBILITY

- Core Technical Team Member | **TEDxDSCE** - Designed and maintained blog site for their event TEDxDSCE Women.