

Ujjwal Lal

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EDUCATION

Bachelor of Engineering in Electrical and Electronics Engineering (8.86 CGPA)
DAYANANDA SAGAR COLLEGE OF ENGINEERING

Bengaluru, India | 2021

WORK EXPERIENCE

LTIMINDTREE (PREVIOUSLY LARSEN & TOUBRO INFOTECH)

SENIOR ENGINEER-CLOUD SERVICES & SOFTWARE

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.
- Standardization of historical database and implementation of new functionalities on the same.

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

COLLEGE CONNECT

HTML,CSS, JAVASCRIPT, BOOTSTRAP AND DJANGO

A college social networking site having features of authentication, creating and joining groups,adding comments etc.

RSA ALGORITHM IMPLEMENTATION USING C++

C++,CRYPTOGRAPHY,MATLAB

This program performs encryption and decryption using RSA Algorithm.

FACE RECOGNITION SYSTEM

PYTHON,OPENCV

The system uses K-Nearest Neighbours Algorithm to detect face and label with respective name.

SKILLS

Day to Day: C++, C, Data Structures, Algorithms, Power Automate, Workflows, Dynamics 365, HTML5, CSS3

Familiar: Python,JavaScript, Django, MATLAB, , Wordpress, Bootstrap

PROFILE LINKS

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

CERTIFICATIONS

- Data structures and Algorithms (**GeeksforGeeks**)
- Software Engineering Virtual Experience (**JPMorgan Chase & Co**)
- Discrete Mathematics (**NPTEL, IIT Ropar**)

ACHIEVEMENTS

- Ranked **36** in **Nokia Collegiate Code Warriors Hunt 2021**
- Awarded **overall best final year project** in Dept.
- Cleared **Infinity Coding Challenge 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.