

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 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

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.

COLLEGE CONNECT

HTML, CSS, JAVASCRIPT, BOOTSTRAP AND DJANGO

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

SKILLS

Day to Day : Node.js, Express, EJS, JavaScript, C++, HTML5, CSS3, Bootstrap, Data Structures, Algorithms, Dynamics 365

Familiar : React.js, Java, Spring, Python, Django, MATLAB, Wordpress

PROFILE LINKS

- Leetcode-ujjwallal25
- Codechef-ujjwal2512
- GeeksforGeeks-ujjwallal25
- 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 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.