

UJJAWAL SONI

Aspiring Software Developer

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LinkedIn Profile:

[Click to access](#)

Portfolio Website:

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Summary

Diligent tech enthusiast with a B.Tech in Computer Science and Engineering, showcasing strong technical skills in programming, app development, web development, graphic designing, and video editing. Effective in both team and independent work, excels under pressure, and demonstrated leadership as Design Head (2021-2022) and current NSS DITU Secretary.

Expertise

- **Programming Languages:**

- ▶ Java, C++ & Python

- **Framework:**

- ▶ Flutter & Swing.

- **Operating System:**

- ▶ Windows & Linux

- **Others:**

- ▶ HTML, CSS, JS, Dart
- ▶ MySQL, JsonPowerDB
- ▶ Git, Github

- **Language Known:**

- ▶ English & Hindi

Education

2020-2024

Bachelor of Technology, CSE

(Cyber Security & Privacy)

DIT University • Dehradun

2019-2020

Senior Secondary (XII) PCM, CBSE

Saint Paul's Senior

Secondary School • Kota

2017-2018

Secondary (X) CBSE

Saint Paul's Senior

Secondary School • Kota

PROJECTS

○ **June, 2023**

Swing Framework I Client-Server Model

MULTIUSER CHATAPP

- Developed a Multiuser Chat App using Java Swing framework, incorporating features such as Login/ Register functionality using SQL server for user authentication.
- Implemented broadcast functionality within the app, enabling users to engage in real-time group chats, fostering effective communication and collaboration among multiple users.

○ **April, 2023**

Flutter Framework I API Integration

RECIPEGENIE

- Developed a personalized recipe app with advanced algorithms, recipe database, and meal planning features.
- Designed and implemented an intuitive Flutter-based UI for seamless cross-platform experience.

○ **March, 2023**

Java I Cryptographic Algorithms

SHAMIR SECRET SHARING

- Implemented Shamir's Secret Sharing algorithm using Java, ensuring secure and efficient distribution of confidential data among multiple parties.
- Developed a Java-based implementation of Shamir's Secret Sharing algorithm to protect sensitive information from unauthorized access.

○ **November, 2022**

Java & XML I Android Studio

EXPENSE ANALYSER

- Developed an expense tracking app for users to manage their budget, track expenses, and calculate remaining funds.
- Designed a versatile budget planner app suitable for students and users of all age groups, addressing the need for practical financial organization.

○ **June, 2022**

Swing Framework I Pathfinding Algorithms

PATHFINDING VISUALIZER

- Developed a Java Swing-based application that allows users to visualize pathfinding algorithms in a grid-based environment.
- The Pathfinding Visualizer offers real-time visualization of algorithms like Dijkstra's and A* in action, making it an interactive and educational tool for understanding how these algorithms work and find the shortest path in a grid.

CERTIFICATIONS & AWARDS

- Successfully completed the Salesforce Developer Virtual Internship.
- Udemy's Ultimate Ethical Hacking and Penetration Testing (UEH) course.
- Software Engineering Virtual Experience Program at Goldman Sachs.
- Completed the Advanced Software Engineering Virtual Experience Program at Walmart Global Tech.
- Software Engineering Lite Virtual Experience Program at JP Morgan & Co.
- Cyber Security Management Virtual Experience Program at ANZ.
- Java (basic) certificate from Hacker Rank.
- Recognized as the Best Volunteer of NSS on September 24, 2022.