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Portfolio Website
Click to access

Education

2020-2024
Bachelor of Technology, CSE
(Cyber Security & Privacy)
DIT University ● *Dehradun*

Expertise

- **Programming Languages:**
  - ▶ Java, C++ & Python

- **Framework:**
  - ▶ React, Flutter & Swing.

- **Operating System:**
  - ▶ Windows & Linux

- **Others:**
  - ▶ HTML, CSS, JS, Node, React.
  - ▶ MySQL, JsonPowerDB
  - ▶ Git, Github

ACHIEVEMENTS

- Completed Udemy's Ultimate Ethical Hacking and Penetration Testing (UEH) course.
- Successfully finished the Software Engineering Virtual Experience Program at Goldman Sachs.
- Completed the Advanced Software Engineering Virtual Experience Program at Walmart Global Tech.
- Participated in the Software Engineering Lite Virtual Experience Program at JP Morgan & Co.
- Completed the Cyber Security Management Virtual Experience Program at ANZ in May 2023.
- Earned a Java (basic) certificate from Hacker Rank.
- Recognized as the Best Volunteer of NSS on September 24, 2022.

UJJAWAL SONI
Aspiring Software Developer

Diligent and honest tech enthusiast with a B.Tech in Computer Science and Engineering. Excellent time management and strong technical skills in programming, app development, web development, graphic designing, and video editing. Thrives in both team and independent work settings, excels under pressure, and meets strict deadlines. Demonstrated leadership as Design Head (2021-2022) and current Secretary of NSS DITU.

PROJECTS

April, 2023
Flutter Framework | 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.

June, 2023
Swing Framework | 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.

November, 2022
Java & XML | 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 | 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.

March, 2023
Java | 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.