# Omkar Omar

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## Education

**Indian Institute of Information Technology, Bhagalpur**    Dec 2021 - Apr 2025
*B.Tech in Computer Science & Engineering*    *8.57/10 CGPA (absolute)*

**Relevant Courses**: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, and Computer Networks.

## Projects

**Covid-19 Tracker App**(*Android Studio, Flutter, Dart, Riverpod, REST API, Http, URL launcher, Pie Chart*)    **Source Code**

- **Real-Time Data and Graphical Representations:** Delivered real-time COVID-19 data for **195 countries** with **pie chart visualization**.
- **Educational Resources:** Incorporated **20+ FAQs, mythbusters, and donation** options to WHO.
- **Detailed Statistics:** Displays the top **5 most affected regions** with country-specific data.
- **User-Friendly Design:** Dark mode for low-light viewing and easy to navigate **streamlined navigation time by 40%**.

**Meals App**(*Android Studio, Flutter, Dart, Http, Api Integration, Riverpod*)    **Source Code**

- **Comprehensive Recipe Database:** Features a comprehensive database of **500+ recipes** categorized by **cuisine (8 types)** and complexity levels.
- **User-Centric Features:** Integrates **favorites and 4 dietary filters** for a personalized experience.
- **Detailed Instructions:** Step-by-step guidance, **improving accuracy by 25%**.
- **Enhanced UX:** Supported all skill levels, **boosted positive reviews by 15%**.

**Chat App UI**(*Android Studio, Flutter, Dart*)    **Source Code**

- **Modern UI with Enhanced Navigation:** Designed and Implemented a sleek interface with a search bar for easy navigation; **reduced loading time by 40%**.
- **Dynamic User Experience:** Developed a story section for sharing interactive, short-lived updates.

## Technical Skills

**Languages**: C (Proficient), C++ (Proficient), JAVA (Intermediate), Python (Intermediate)
**Mobile Development**: Flutter (Advanced), Dart (Advanced), Android Studio (Proficient)
**Frontend**: HTML (Proficient), CSS (Proficient)
**Backend**: Firebase (Proficient), MySQL (Intermediate)
**Developer Tools**: VS Code (Proficient), GitHub (Proficient)
**ServiceNow Skills**: Certified System Administrator, Certified Application Developer, ITSM, S2P, SRM, Workflow Management, Scoped Applications, Flow Designer

## Assessments

**ServiceNow Certified System Administrator**    Sep 2024
    *ServiceNow*

- Certification No. 25526743
- **ITSM, S2P, SRM, Workflow Management**, etc.

**ServiceNow Certified Application Developer**    Sep 2024
    *ServiceNow*

- Certification No. 25531099
- Developing **custom applications, automating flows, and optimizing existing ServiceNow instances** to meet diverse business needs.

**Software Engineering Virtual Experience**    Jun 2023
    *Goldman Sachs*

- Enrollment Verification Code aQNRBva6xwZGZhFtJ
- Gaining a comprehensive understanding of diverse methodologies involved in **software engineering**, complemented by **hands-on experience with real-world practices**.

**Ethical Hacking Essential Course offered by Codered**    May 2022
    *Codered by EC-Council*

- Certification No. 161287
- Gained expertise in **identifying attacks, deploying trojans and other security essentials**.

## Algorithmic Competitions/Achievements

- Solved more than **1,000** complex data structures and algorithm challenges, achieved a **40%** decrease in debugging time for personal coding experiments, thereby improving coding efficiency and accuracy in future projects.
- Ranked in the top **4.95%** of users globally with a rating of **1882** on **Leetcode**.
- Rated **3 Star** on **CodeChef** (Max Rating - 1625).
- Achieved **global rank 71** in Starters 141 on **CodeChef**.