# AKSHAT SINGHAL

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## SKILLS

- **Programming Languages:** Java[Major] , Dart, Python, C, C++.
- **Android Development:** Flutter, Firebase, Riverpod.
- **Databases:** MySQL.
- **Tool and Technologies:** DevOps [Basic]

## EXPERIENCE

**SDE Intern, Sulids Solutions Pvt. Ltd.**                               *July 2023 – August 2023*

- **Proficient in Java programming:** Developed a strong foundation in Java syntax, data types, and control structures, enabling the efficient development of robust applications.
- **Implemented Object-Oriented Programming (OOP) principles:** Applied concepts such as Classes, Inheritance, Polymorphism, and Encapsulation in 5+ academic and personal projects, improving code reusability and maintainability by approximately 95%.
- **Experienced in Software Development Life Cycle (SDLC):** Demonstrated a comprehensive understanding of all phases, from requirements gathering and design to development, testing, deployment, and maintenance, ensuring well-rounded software solutions.

## EDUCATION

**Bachelor of Engineering (Information Technology)**                     *November 2021 – May 2025*
Jaipur Engineering College and Research Center, Jaipur                   **CGPA 8.68/10**

**Class 12$^{th}$ – CBSE**                                               *2020- 2021*
Parvati Radhakishen Fomra School                                        **Percentage – 90.8%**

**Class 10$^{th}$ – CBSE**                                              *2018- 2019*
Parvati Radhakishen Fomra School                                        **Percentage – 90%**

## PROJECTS

**Brely**                                                              *July 2024*

- **Engineered a cross-platform real-time chat application**: Utilized Flutter and Firebase to deliver a seamless and synchronized user experience across both iOS and Android platforms, ensuring consistent performance.
- **Designed dynamic and adaptive user interfaces:** Leveraged advanced Flutter Widgets to develop a responsive UI/UX, achieving 100% compatibility across 10+ devices and various screen resolutions.
- **Implemented secure and efficient messaging systems:** Integrated end-to-end encryption with Firebase's backend services, enabling real-time messaging with 99.9% uptime and enhancing user satisfaction by 90%.

**Hotel Management**                                                    *June 2023 - August 2023*

- **Designed a comprehensive hotel management system:** Architected a scalable solution that improved code maintainability by 20% through efficient implementation and code reusability practices.
- **Implemented advanced error-handling mechanisms: Developed** user-defined exceptions to prevent double-booking of already allocated rooms, reducing booking errors by 95% and ensuring 100% data integrity.
- **Developed and integrated essential operational features:** Built modules for customer management, room booking across four room types, food ordering, room unbooking, and bill generation, streamlining hotel operations and enhancing efficiency.

## ACHIEVEMENTS

- **Hackathon:** Led a team to develop a portable library concept.
- **Hobby(July 2022):** Participated in the Ink Creative.
- **Sports:** Competed in the Intercollege Badminton Tournament.

## CERTIFICATIONS

- **Python Training(May 2022-July 2022):** Developed a screen recorder application to gain practical knowledge.
- **Certified** in Android App Development with CodSoft(25 Jun 2024 – 25 July 2024).