

KUSH KUMAR

Central University of Jammu

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B.Tech student with a strong interest in mobile application development and database systems. Experienced in building applications using Flutter, Dart, Firebase, and MongoDB, with hands-on experience in developing a college student dashboard application featuring authentication, notifications, and database integration. Skilled in Android app deployment, debugging, and backend connectivity, with a focus on building scalable and user-centric solutions.

Work Experience

• Cybersecurity Job Simulation

Jun 2025 - Jun 2025

Deloitte Australia | N/A

A multinational professional services network providing audit, consulting, financial advisory, risk management, and tax services

Completed a job simulation for Deloitte Australia, involving reading web activity logs to support a client in a cybersecurity breach

• Intern

Apr 2025 - May 2025

AICTE - Microsoft AI/ML | N/A

Academic and administrative organization to regulate and facilitate technical education

Completed the AICTE Internship in Artificial Intelligence and Machine Learning, receiving a completion certificate in collaboration with Microsoft

• Participant in Cyber Security Program

Feb 2025 - Mar 2025

ISRO | Ahmedabad

Indian Space Research Organisation focused on space research and development

Participated in the 'Geo-stationary and cyber security' program organised by ISRO Ahmedabad, building skills in geo-stationary and cybersecurity tools like SQL and Nmap

Projects

Student Dashboard Mobile App

Tech: Flutter, Firebase, MongoDB

- Developed a Flutter-based mobile application for students to access academic information and campus services.
- Implemented Firebase Authentication and Firestore database for secure user management.
- Integrated MongoDB database containing records of 60+ students.
- Designed responsive UI supporting Android devices.
- Implemented notification and complaint management modules.

Face Detection System

Tech: Python, OpenCV

- Developed an AI-based face detection model using OpenCV.
- Implemented real-time detection using Haar Cascade classifier.
- Achieved high accuracy in identifying faces from live camera feed.

Skills

Programming

- Dart
- Java (Basic)
- Python (Basic)

Mobile Development

- Flutter
- Android App Development
- UI/UX Design

Databases

- MongoDB
- Firebase Firestore
- JSON Data Handling

Tools & Technologies

- Firebase Authentication
- REST API Integration
- Git & GitHub
- Android Studio
- VS Code

Languages

Hindi (*Native*), English (*Proficient*)

Certificates

Cybersecurity-Intern

ShadowFox

Jul 2025

GDG-Solution challenger

Google Developer Group

Aug 2025

Foundation of AI/ML

AICTE

May 2025

Extra

Flutter Development

MongoDB Basics

Firebase for Mobile Apps

Education

Gyanodaya public school, Rajasthan

Intermediate

2022 - 2023

Central University of Jammu

Bachelor of Technology - Cybersecurity

2024 - 2028
(Current)

Interests

- IEEE Student Member,
- Cybersecurity
- Networking
- Flutter
- Dart
- Firebase
- MongoDB
- Android Development
- REST APIs
- Database Management
- Git & Version Control
- UI/UX for Mobile Apps
- Machine Learning Fundamentals