

# AKSHAT RAI

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## Professional Summary

Full Stack Developer with experience building cross-platform applications using Flutter, Node.js, and React. Skilled in rapid prototyping, REST API integration, and real-time communication systems. Passionate about building fast, reliable MVPs with clean and maintainable code.

## Technical Skills

Languages: Dart, JavaScript, Java, Kotlin, C++  
Mobile Development: Flutter (iOS & Android), Firebase (Auth, Firestore)  
Frontend: React (Vite), Tailwind CSS  
Backend: Node.js, Express.js, Spring Boot  
Database: PostgreSQL, Firebase Firestore, MongoDB  
Tools: Git, Postman, Vercel, Netlify, Render  
APIs & Services: Cloudinary, Spotify API, Socket.IO, Firebase, Google Maps API

## Projects

- Minimal Chat App (Flutter) - A Flutter-based chat app supporting real-time messaging, image sharing, and user authentication via Firebase. Integrates Cloudinary for media storage and Firebase Firestore for message sync. Also added real-time video and voice calling functionality.
- Real-Time Code Editor - Collaborative code editor built using React, Express, and Socket.IO. Enables real-time editing with syntax highlighting and multi-user session handling.
- CleanCity App - Civic-tech application built in Flutter that allows users to report cleanliness issues by uploading images and GPS location data. Backed by a simple API and database for complaint tracking.

Music Player App - Flutter app that streams songs using Spotify Song IDs and displays synced lyrics in real-time. Integrated with Spotify API and lyrics rendering engine for seamless user experience.

## Professional Experience

### Co-Founder & CEO – NexYug Tech [Feb 2025 – Present]

- Building NexYug Tech, a startup where we create cutting-edge software solutions for web, mobile, and AI applications that transform businesses and drive innovation.

### Mobile App Developer – Social Chitra [June 2025 – Present]

- Developing a SaaS platform for sports industry.

### Flutter Developer Intern – The Coders Hub [Feb 2025 – May 2025]

- Worked on a community app to enhance user engagement and real-time interaction.
- Implemented multilingual support to make the app accessible in multiple languages.

- Integrated Firebase Cloud Messaging (FCM) for in-app push notifications with deep linking.
- Optimized Android Gradle Plugin (AGP) configurations to improve build performance.).

### **Software Developer – M V Multitech Controls [Mar 2022 – Present]**

- Built their website.
- Developed SCADA system software for Industrial Automation Machines.
- Worked on Robotics projects, programmed a 3-axis robotic arm to perform an action repeatedly.
- Did PLC programming in Industrial Automation Machines' PLC system.
- Worked on TCP/IP and Modbus protocol for data communication between PLC and computer.

## **Education**

DPG Institute of Technology and Management

- Bachelor of Technology in Computer Science with specialization in AI&ML [2023-2027]