

# Dhanesh Sharma

📞 +91 7573971984

✉️ dhaneshsharma635@gmail.com

🔗 [linkedin.com/in/dhanesh-sharma23/](https://linkedin.com/in/dhanesh-sharma23/)



[github.com/Dhanesh635](https://github.com/Dhanesh635)

## Professional Summary

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Flutter Developer with experience building cross-platform mobile applications using Flutter, Dart, and Firebase. Strong in real-time systems, REST API integration, authentication, and performance optimization, with exposure to AI-driven workflows.

## Education

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### Indian Institute of Information Technology, Naya Raipur

Bachelor of Technology in Computer Science

2024 – 2028

CGPA: 8.17

## Experience & Hackathons

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### AI Developer – Hackasol (National Level Hackathon, AI Track)

2025

Top 10 Teams – Participants from multiple states across India

Demo Video: YouTube Project Walkthrough

- Built **Lumen**, an AI-powered personal finance platform using Google Gemini APIs, processing 1,000+ transactions per session.
- Automated transaction categorization across 15+ spending categories via REST-based LLM integration.
- Implemented real-time anomaly detection to flag duplicate and abnormal transactions with sub-second latency.
- Designed a privacy-first pipeline where financial documents were deleted within seconds after analysis.

### PR Head – Money Matters (Financial Cell)

2024 – Present

Indian Institute of Information Technology, Naya Raipur

- Led public relations initiatives for the institute's Financial Cell in collaboration with Zerodha.
- Conducted Zerodha Varsity-based finance workshops for 250+ students covering technical analysis, budgeting, investments, and mutual funds.

## Projects

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### Real-Time Location Sharing Mobile Application

*Flutter, Dart, Firebase, Google Maps API*

- Developed a Flutter-based mobile app enabling secure real-time location sharing for multiple users.
- Integrated Google Maps API and Firebase Firestore to achieve live updates under 1s latency.
- Implemented authentication and privacy controls using Firebase Auth and secure access links.

### Smart Attendance Tracker with Anti-Proxy QR System

*Flutter, Firebase, QR Code Authentication*

- Built a Flutter-based attendance system with anti-proxy dual QR verification.
- Reduced proxy attendance attempts by ~90% through sequential QR validation logic.
- Implemented role-based access and real-time attendance locking for faculty workflows.

## **Virtual Trading Platform**

*Flutter, Dart, Firebase, RESTful APIs*

- Developed a simulated trading platform for stocks and cryptocurrencies using real-time market APIs.
- Built portfolio analytics dashboards to visualize P/L, trends, and asset distribution.

## Technical Skills

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**Programming Languages:** Dart, Python, C++, C, HTML

**Mobile Development:** Flutter, Cross-platform UI Development, Material UI, Custom Widgets

**State Management:** Provider, setState

**Backend & APIs:** Firebase Authentication, Firestore, RESTful APIs, Google Maps API

**Databases:** Firebase, FAISS

**AI & Machine Learning (Learning):** Agentic AI, LangChain, LangGraph, LLM-based workflows

**Tools:** Git, GitHub, Postman

## Certifications

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**The Complete Flutter Development Bootcamp with Dart – Udemy**

Instructor: Dr. Angela Yu

Certificate: [View Credential](#)