

# RITOVAN DASGUPTA

Mumbai, India

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🌐 [LinkedIn](#)

🐙 [Github](#)

📖 [LeetCode](#)

🌐 [Portfolio](#)

## Education

IIIT Sri City, India

Bachelor of Technology in Computer Science

Aug 2023 – June 2027

CGPA: 8.03

## Relevant Coursework

- Object Oriented Programming
- DSA
- Database Management
- Artificial Intelligence
- Operating System
- Computer Networks
- Theory of Computation

## Projects

MintBolt | Kotlin, Flask, Gemini LLM, OpenCV, Supabase

🐙 [GitHub](#)

- Developed a Kotlin-based financial app with AI-driven budgeting, transaction analysis, and OCR-powered document processing, serving 20+ users.
- Built a Gemini LLM-powered chatbot for financial queries, improving user engagement by 15%.
- Integrated secure payment management, invoicing, and debt management.

TerraPulse | Flutter, Microsoft AI, Gemini LLM, Dart

🐙 [GitHub](#)

- Created an AI-powered eco-tourism app with real-time species identification and biodiversity mapping, promoting conservation among 1,000+ users.
- Designed a gamified rewards system with leaderboards and bio-points, boosting user engagement by 20%.
- Built an AI-driven marketplace for eco-friendly products, increasing sustainable purchases by 30%.

EventHub | Kotlin, Gemini API, Node.js, Firebase, Jetpack Compose

🐙 [GitHub](#)

- Developed an event management and ticketing platform, enabling users to create, join, and participate in events with ease.
- Integrated QR code generation and reading using the ZXing for seamless event check-ins and ticketing.
- Built a Gemini-powered chatbot to assist users with event details, guidance, and FAQs, enhancing user experience.

## Voluntary Experience

Google Developer Groups, IIIT Sri City

Aug 2024 - Present

Application Developer

Sri City, India

- Developed two interactive applications—one using Flutter and another using Kotlin with Jetpack Compose—featuring AI-powered chatbots and puzzle-solving mechanics, following the MVVM architecture.
- Built scalable and robust applications, enabling seamless real-time interactions for **40+ concurrent users**
- Led a Git workshop, educating over 200+ students on version control best practices, improving **collaboration efficiency by 60%**.

Epoch - AI/ML Club, IIIT Sri City

Aug 2024 - Present

App Developer

Sri City, India

- Developed a full-stack application to integrate ML models capable of **identifying 1000+ bird species** using sound recognition, designed specifically for a zoo.
- Optimized the interaction between the ML model and backend, reducing response time by 40%, enabling real-time bird identification with **90% + accuracy**.
- Currently working under **Station S**, a startup accelerator, on an AI-powered productivity platform aimed at automating workflows and aiming to enhance team efficiency by 30%.

## Technical Skills

Languages: C++, Kotlin, HTML, CSS, JavaScript, Dart, TypeScript

Technologies & Tools: Android Studio, Git, Jetpack Compose, Firebase, Node.js, Flutter, Supabase, React, MongoDB

## Achievements And Certificates

- Google GenAi Certificate: [Link](#).
- **Winner** of Hack4Bioheritage Hackathon, IGDTUW, Delhi.
- **Achieved 10th position** in the Accenture Innovation Challenge (National Level), 2024, among **8,000+ teams all over India**.