

RAMESH KADARIYA

Data Analyst | Android Developer | Database Administrator

[GITHUB.COM/RAMESHKADARIYA](https://github.com/RameshKadariya)

CONTACT

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- Location:**
Chitwan, Nepal

SOFT SKILLS

- Creative Thinking
- Clean Code Practices
- UI/UX Awareness
- Problem Solving
- Team Collaboration
- Time Management

TECH SKILLS

TECHNICAL SKILLS

- SQL (MySQL, SQLite), Firebase Realtime Database
- Data Modeling, Normalization, Query Optimization
- ETL Concepts (Basic), Data Flow & Validation
- Java, Python (Basic), C#
- Git, GitHub, Bitbucket (Version Control)
- Excel (Intermediate), VBA (Learning)
- Debugging, Monitoring, Problem Solving
- Team Collaboration, Time Management



PROFILE

Computer System Engineering graduate (First Class Honours, 70%) with strong foundations in databases, SQL, and software development. Experienced in building data-driven applications, managing structured data, and using Git-based workflows. Motivated to advance in data engineering including ETL pipelines, big data tools, and cloud-based data processing.



EDUCATION

BSc (Hons) in Computer System Engineering
ISMT College | University of Sunderland (UK Affiliated)
2022 – 2025 | First Class Honours (70%)

+2 (Science Stream)
Bal Bikas School of Science and Management



RELEVANT EXPERIENCE

- Gen Z Word** : Android App
Managed structured app databases using SQLite/MySQL, ensuring data integrity across multiple users. Monitored application behavior post-deployment, resolving data-related issues efficiently. Coordinated feature implementation and bug fixes with team members to meet project timelines.
 - Water Reminder** : Android App
Designed and maintained time-sensitive user data systems, ensuring accuracy and consistency. Implemented tracking and scheduling mechanisms similar to file/project monitoring workflows.
 - RelaxMe** : Android App
Managed lightweight local databases for user preferences and state management with attention to memory and storage efficiency. Applied schema versioning and safe update practices to avoid data loss during app upgrades.
- Along with Android apps, I have also developed Snapchat AR lenses, TikTok AR effects, and a web extension showing versatility across multiple platforms.



ACHIEVEMENTS

Delivered multiple projects on time with optimized data handling and cross-team coordination. Certified in Flutter Development (Meta, freeCodeCamp, CodeIT), demonstrating continuous learning and adaptability. Worked with structured data pipelines inside applications, handling data ingestion, validation, storage, and retrieval while debugging data-related issues.



PUBLICATIONS

Kadariya, R. (2026). *From Storage to Intelligence: A Comparative Analysis of Traditional SQL and AI-Augmented Database Systems*. [[ResearchGate](#)]

Kadariya, R. (2026). *Evaluating Layer 2 Blockchain Scalability through a Comparative Study of Rollups and State Channels*. [[Zenodo](#)]

For more links & information, visit: rameshkadariya.com.np