KIRAN PAUDEL

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Key Skills

- NodeJS
- AWS
- Express
- Python
- Mobile App Dev
- Kotlin
- React
- Flutter
- C++
- Figma
- MongoDB
- Fast API
- CI/CD
- GraphQL
- Prisma
- Docker
- Swift
- Postman

Education

Master of Information and Communication Technology from Western Sydney University
Graduated 2027

Bachelor of Science in Computer Science and Information

Summary

Innovative and results-driven software engineer with years of experience **delivering scalable web and mobile solutions** across finance, education, and hospitality domains. Expert in Flutter, Fast API, Express and clean architecture, with a solid foundation in **CS from Tribhuvan University**. Proven ability to drive impact in both startups and enterprise environments. Skilled in CI/CD, containerization, and modern tech stacks (JavaScript, Python, Kotlin, AWS IoT). Passionate about **solving real-world problems**, **mentoring** developers, and building software that balances performance, maintainability, and business value.

Career History

1. **Full Stack Engineer** at *Bytecare Technology*
APRIL 2024 – JANUARY 2025

- Led the development of *Karobar*, Nepal's top fintech app, focusing on clean architecture, efficient local caching, and region-specific customization to enhance performance and user experience.

Key responsibilities

- Architected and developed core features using **Flutter** with a clean architecture approach for maintainability and scalability.
- Integrated **local caching mechanisms** to ensure fast performance and offline access.
- Implemented **state management solutions** to streamline UI responsiveness and business logic.
- Collaborated with product and design teams to tailor UX for Nepali users, including **language localization** and **region-specific financial logic**.
- Set up **CI/CD pipelines** and **GitHub Actions** for automated testing, linting, and deployments to Firebase and Play Store.

2. **Software Engineer** at Hridayangam Technology
FEBRUARY 2023 – APRIL 2024

- Engineered a robust, scalable system by applying clean architecture, modular monorepo structure, and CI/CD automation. Collaborated cross-functionally to deliver high-quality APIs, optimize backend performance with Docker and Redis, and enhance UI consistency across the platform.

Key responsibilities

- Applied **Clean Architecture** principles to ensure scalable, testable, and maintainable code across the application.
- Structured the codebase using **monorepo**, developing modular and reusable libraries aligned with the **Single Responsibility Principle**.
- Collaborated with backend engineers to design and implement high-quality APIs using **Python** and **Fast AP**I
- Utilized **Docker** to containerize services, leveraging **Redis** for caching, **NGINX** for load balancing, and serving static content.
- Contributed to open-source libraries used in the project by identifying bugs and submitting patches to improve reliability.

3. **Full Stack Developer** at Seven Byte Tech
FEBRUARY 2021 – JANUARY 2023

- Delivered high-impact solutions across restaurant management and online education platforms, driving performance, usability, and scalability. Proactively mentored interns and strengthened team capabilities by sharing deep technical insights and project knowledge.

Key responsibilities

- Developed and maintained a full-featured **restaurant management app and website**, streamlining operations and improving user experience.
- Built a custom **online studying platform** for a client, implementing interactive features and ensuring responsive design across devices.
- Collaborated with cross-functional teams to translate business requirements into technical solutions with clean, maintainable code.
- Assisted and mentored interns by explaining project architecture, tools, and technologies to accelerate onboarding and productivity.
- Integrated third-party APIs and backend services to extend application functionality and improve data handling efficiency.

Interests

- Building scalable and user-centric web/mobile applications.
- Designing clean, maintainable architectures and reusable systems.
- Exploring edge technologies in DevOps, containerization, and serverless computing.

References

A. **Sarbagya Dhaubanjar**

Lead Software Architect at Hridayangam Technology

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B. **Samir Phuyal**

Director at Bytecare Technology

samirphuyal65@gmail.com

C. **Dipesh Chaulagain**

Senior Software Engineer at Seven Byte Tech

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