

# NABIN KAWAN

Software Engineer

[portfolio](#) | [linkedin.com/in/nabinkawan](https://www.linkedin.com/in/nabinkawan) | [github.com/NabinKawan](https://github.com/NabinKawan) | [nabin.kawan.9@gmail.com](mailto:nabin.kawan.9@gmail.com) | [9843304164](https://www.instagram.com/nabinkawan)

## KEY SKILLS

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- **(Proficient)** Javascript, Typescript, Python, CSS, Next.js, React.js, Flutter, Fast API, Tailwind CSS, Playwright, MongoDB, PostgreSQL, Git.
- Jest, React Testing Library, Pytest, Vue.js, Node.js, Spring Boot, Storybook, Docker, CI/CD, Design Patterns, System Design/Architecture, Clean Code, Data Structures and Algorithms (DSA).

## WORK EXPERIENCE

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### Software Engineer | Sireto Technology

Jul 2021

- Authored and maintained 4+ web applications for international clients and some in-house productions.
- Performed unit and integration tests, and developed CI/CD pipelines, reducing debugging time by 80% and streamlining the development process.
- Ensured that the applications' user interfaces and experiences met at least 80% of user's expectations alongside code optimization, resulting in an increase in performance by 50%.
- Reduced future development and maintenance time by creating reusable components using Advanced React Design Patterns, ultimately decreasing the product delivery time by 10%.
- Integrated APIs with robust error handling, reducing page crashes by 90%.
- Mentored and guided 4+ interns in industry-standard practices, enhancing their development skills.

### Software Engineer | Tuyulotus (Part-time)

Feb 2024 - Apr 2024

- Led the refactoring of an ongoing project and guided 3 interns, achieving a 70% reduction in code complexity.
- Contributed to system design and database architecture improvements resulting in a 15% decrease in maintenance efforts.
- Ensured the functionality and reliability of the GitHub repository, reducing deployment issues by 90%.

### Software Engineering Intern | Sireto Technology (Academic)

Jul 2021 - Dec 2021

- Gained hands-on experience with blockchain technology, design principles, and clean code practices.
- Worked on a full-stack web application for listing, buying, and selling NFTs.

### Freelance Mobile Developer | Smart Robos (Academic)

Apr 2020 - Jun 2021

- Worked on mobile applications with clean, maintainable code using Flutter.
- Authored and delivered 2+ mobile apps.

## PROJECTS

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- **Better Collected:** A fully-fledged form builder/integration and management solution.
  - ★ Implemented a form builder feature, leading to significant user growth from 100 to over 1000.
  - ★ Introduced user consent functionality, fostering trust among all existing users.
- **Kuber IDE:** An online playground for composing transactions in Cardano.
  - ★ Created playground, reducing Plutus contract and Cardano transaction creation time by 90%.
- **Tikeet:** A secure payment system for commissioned documents or digital works.
- **IOU APP:** A finance app that transforms financial interactions by identifying and breaking circular chains.
- **OfflinePas:** A finance app that transforms financial interactions by identifying and breaking circular chains.
- **Sancho Govtool:** A project to enable ADA holders to experience governance features from [CIP-1694](#).
- **BBVS (Academic):** A voting system that enhances traditional methods with custom blockchain integration (Ethereum/[SatyaTathya](#)), ensuring real-time and secure voting with encrypted votes.

## ACHIEVEMENTS

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- **Developed Cardano-Test-Wallet:** a library simplifying web3-related testing in Cardano environments, significantly enhancing testing efficiency and accuracy.

## EDUCATION

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Computer Engineering | Khwopa College Of Engineering, Bhaktapur | Bhaktapur | Nepal

2018 - 2022