NABIN KAWAN
Software Engineer

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KEY SKILLS

- **(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

Software Engineer | Sireto Technology   Jan 2022
- Authored and maintained 5+ 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 Engineering Intern | Sireto Technology   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.

Mobile Developer | Smart Robos   Apr 2020 - Jun 2021
- Worked on mobile applications with clean, maintainable code using Flutter.
- Authored and delivered 2+ mobile apps.

PROJECTS

- **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

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

EDUCATION

Computer Engineering | Khwopa College Of Engineering, Bhaktapur   2018 - 2022