NABIN KAWAN
Software Developer

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SUMMARY

A skilled Software Developer specializing in Frontend Development, proficient in designing and implementing user-friendly interfaces, leveraging cutting-edge technologies and best practices to create responsive and visually appealing applications that enhance user experiences.

KEY SKILLS

- **(Proficient)** Next.js | React.js | Flutter | Fast API | JavaScript | TypeScript | Tailwind CSS | Redux | React/RTK Query | Playwright | Cypress | Git | Material UI.
- **(Familiar)** Spring Boot | Python | Docker | Java | Haskell | REST APIs | Vue.js | Gatling | Node | Android | Ant Design | React Native | Design Patterns | MongoDB | PostgreSQL | CI/CD | Microservices | Monorepo.
- Teamwork | Communication | Problem-solving | Attention to detail | Positive | Time management.

WORK EXPERIENCE

SIRETO TECHNOLOGY *(blockchain-focused startup)* | *Kathmandu, Nepal* & Netherlands   July 2021 - Present
Software Developer

- Initially joined the team as a Developer intern, working directly with the team to analyze the project's source code to find functionality issues and learn techniques to handle them.
- Authored and maintained 7+ applications for foreign clients and some in-house productions.
- Ensured that the developed 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 involving higher-order components and custom hooks, ultimately decreasing the product delivery time by 10%.
- Developed and integrated the APIs seamlessly with the frontend with proper error handling and reduced the page crashes by 90%.
- Cooperated with cross-functional teams, including designers, backend developers, frontend developers and team lead/project manager, to develop and deliver the product on time, ensuring the codebase is top-notch.
- Contributed to an IOHK project, specializing in security, E2E, load, and performance testing, ensuring project success through enhanced system robustness and optimal performance.

SMART ROBOS PVT. LTD. *India,*   Apr 2020 - Jun 2021
Software Developer

- Commenced my journey as a freelance Flutter developer in a freelance capacity, actively contributing to the company's dynamic environment.

PROJECTS

- Better Collected
  - Fully-fledged form integration, management, and privacy-friendly form builder solution.
  - Organizes forms using workspaces and enables collaborative form development.
  - Integration support for Google/Typeform Forms seamlessly.
  - Custom domains & custom URLs for Google/Typeform Forms.

- Kuber IDE
  - Online playground for Cardano developers.
  - Pre-setup environment for Plutus contract and Cardano transaction development.
  - Direct contract writing without concerns about large dependencies with Plutus.

- Tikeet
  - Secure payment system for commissioned documents or digital works.
  - Payment-linked access system to ensure payment before document download.

- IOU APP
    - Transforms financial interactions by identifying and breaking circular chains, ensuring smooth transactions.

- Sancho Govtool
    - Voting app for cardano blockchain

- OfflinePass
    - Self-Service Password Manager with advanced security features.
    - Utilizes password hashing with a master security key for enhanced security.

- GesDec (Academic)
    - A platform for detecting sign gestures without region restrictions.
    - Recognizes sign gestures and outputs them as text.

- BBVS (Academic)
    - Blockchain-Based Voting System: Enhancing traditional voting with custom blockchain SatyaTathya.
    - All voting is conducted via an interface connecting with the blockchain (Ethereum / SatyaTathya).
    - Real-time & secure voting system with encryption applied to all votes.

EDUCATION

Bachelor's Degree, Computer Engineering (T.U.)
Khwopa College Of Engineering, Bhaktapur, Nepal   2018 - 2022