ER. PRABIN LAMSAL

FLUTTER + NEXTJS

CONTACT

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SKILLS

Flutter, Firebase, BLoC, Riverpod , Provider, Clean Architecture , GraphQL , REST, get_it , Fastlane(CI/CD) , Unit and BLoC Testing , flutter_hooks

NextJs, React , AppRouter, PageRouter, Tailwind, Puck , TurboRepo , Zustand , Redux Toolkit , Nodejs

Deep knowledge in AWS (EC2, ECR ,Lambda, CloudWatch, Secrets Manger, SSM) , Git , Docker , Docker Compose , Linux , Supabase , Firebase

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FREELANCE

Upwork

- 5 stars rated
- 100% job completion rate
- 2 jobs completed (Flutter)
- https://www.upwork.com/freelancers/~017802fc2720a05a44

Capital8 Real Estate - Austrailia

- Long term job completion for full stack development. (Nextjs , Supabase)

EDUCATION

BE Computer Engineering

Kathmandu University

PROFILE

A problem-solver and a well-versed engineer with experience in different fields of programming and a special proficiency in Flutter and NextJS.

I have passion for programming and have a curious nature.

WORK EXPERIENCE

EB Pearls (ebpearls.com.au)

Associate Flutter Developer (April 17 2023 - Feb 26 2024)

- Developed a release ready mobile application using BLoC pattern for EB Pearls internal system with only high level supervision.
- Developed three demo applications and other projects with constant code review from seniors.
- Completed all trainee tasks months before the allocated time and focused more on improving code architecture, and design patterns and helped with the production code and started working as an associate developer.
- Learned to apply design patterns and architectural principles while developing application.
- Presented the application to the stakeholders. The application is currently being used for EB Pearls internal operations.

Sageflick (Khalti) (Feb 27 2024 - Present)

Associate Flutter Developer

- Architectured a monorepo with three flutter applications - a desktop , a mobile and a mobile-pos. Created the base for widgets , repositories and services.
- Production ready parking application on mobile pos with Android SDK integration for low level features like printing and scanning.
- Created own packages for handling models and asset generation , adaptive content and type-safe routing rather than relying on third party packages.
- Made the application mostly configurable through json backend so that separate clients get their own configured application.
- Worked with sockets.
- Maintained an impressive 80% test coverage throughout the application.
- Wrote github workflow for automatic deployment and actions
- Worked in a riverpod & flutter_hooks architecture that resulted in quick development time.
- Constantly explored advanced Dart concepts to make the architecture of the application better and succeeded too.

Software Developer (NextJS , Flutter)

NextJS

- Engineered prop-based configuration system enabling white-label customization of 10+ page types and 15+ components through centralized config files, eliminating hard-coded styles and supporting multi-tenant theming.
- **Architected full-stack cinema booking platform** using Next.js, TypeScript, and Turborepo monorepo with React/Redux, integrating real-time seat selection, QR-based ticketing, and food ordering with payment checkout
- **Built scalable multi-tenant system** featuring customer-facing web app and admin panel using Chakra UI, implementing responsive designs, **PWA capabilities, and CI/CD pipelines with Docker/Kubernetes deployment**

- Developed complex state management using **Redux Toolkit and Zustand** for booking flows, cart management, session timers, and dynamic cinema configurations across 3 Next.js applications in a pnpm workspace
- Implemented enterprise-grade tooling with Vitest for testing, ESLint/Prettier for code quality, Husky for git hooks, and optimized build processes using TurboPack for improved developer experience.
- Successfully transitioned a codebase to the **Puck editor,** implementing **configurable templates with drag-and-drop functionality** and allowing manual overrides to support diverse client needs.

Flutter
- Achieved a 5× performance improvement in a Flutter desktop application after production release by conducting benchmarking, performance analysis, and code optimization.
- Owned and streamlined CI/CD workflows, improving deployment efficiency and release reliability.
- **Took lead responsibility for production risk management, ensuring system resilience and minimal downtime.**

PROJECTS

HOMELAB
- Home server with self hosted services for Immich using cloudfare tunnelling.
- SSH access to server using tailscale.
- Personal jellyfin for media streaming.
- Personal NextCloud for personal file storage.

BOOKS RECOMMENDATION SYSTEM
- Matrix Factorization algorithm and gradient descent applied from bare mathematical formulae.
- Search, buy, rate, and recommend books.

REFERENCES

Er. Lekh Nath Khanal , CTO , SCSS Consulting
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