BIBEK SAH

Full Stack Developer — React.js · Next.js · TypeScript · Java / Spring Boot · Node.js / Express.js · MongoDB / SQL

sahbibek55@gmail.com | +977 9804733759 | Kathmandu, Nepal | LinkedIn: linkedin.com/in/bibek-s-1067aa1a4 | GitHub: github.com/viveksah56

PROFESSIONAL SUMMARY

Full Stack Developer with 3 years of professional experience building scalable, production-ready web applications end-to-end — from React.js/Next.js/TypeScript interfaces to backend services in Java/Spring Boot and Node.js/Express.js, backed by MongoDB, MySQL, and PostgreSQL. Delivered 13+ major projects across healthcare, education, e-commerce, and corporate sectors, driving significant load-time and Core Web Vitals improvements through performance optimization. Comfortable owning a feature from database schema and API design through to a polished, SEO-optimized UI. Currently pursuing an MCSIT to deepen full-stack technical depth while actively seeking a new Full Stack Developer role.

TECHNICAL SKILLS

Frontend	React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3
Backend	Java, Spring Boot, Node.js, Express.js, RESTful API Development, API security & authentication (JWT/OAuth), middleware & error handling
Database	MongoDB, MySQL, PostgreSQL, Redis, Mongoose (schema design & modeling), database integration & query optimization
Forms & Validation	React Hook Form, Zod, Yup, Zustand
Cloud, Storage & Deployment	Cloudinary (media management), Vercel, Render, Docker
Styling & UI	Tailwind CSS, Shadcn/UI, Styled Components, Responsive & Component-Driven Design
State Management	Context API, Zustand, React Query
API & Integration	RESTful APIs, Axios, Fetch API, GraphQL
Performance & SEO	SSR, SSG, ISR, Code Splitting, Lazy Loading, SEO Optimization
Testing & API Tools	Jest, React Testing Library, Postman
DevOps & Tools	Git, GitHub, CI/CD, VS Code, npm/yarn, Webpack, Vite
Methodologies	Agile/Scrum, Clean Code Architecture, Test-Driven Development

PROFESSIONAL EXPERIENCE

Full Stack Developer | Dwork IT Solutions

January 2023 – January 2026 (3 yrs)

- Architected and developed 13+ enterprise-level web applications end-to-end, building React.js/Next.js/TypeScript frontends backed by Java/Spring Boot and Node.js/Express.js REST APIs across healthcare, education, and e-commerce platforms.
- Designed, built, and consumed RESTful APIs across Spring Boot and Express.js services for authentication, product catalogs, order processing, and admin operations — including database schema design and JWT-based auth.
- Built reusable component libraries with Tailwind CSS and Shadcn/UI, establishing a consistent design system reused across all 13+ production projects.
- Implemented Context API and Zustand for predictable state management on data-heavy admin dashboards with real-time updates and role-based access control.
- Implemented SSR, SSG, and ISR in Next.js to boost SEO and page-load performance, driving significant load-time improvements through code splitting, lazy loading, and bundle optimization.
- Collaborated in Agile sprints with UI/UX designers, backend engineers, QA, and product managers, taking features from API design through deployment.

SELECTED PROJECTS

ExamNepal

www.examsnepal.com

Online examination and learning platform enabling mock tests, assessments, analytics, and user management for students, institutes, and corporate organizations. Built the student-facing platform and its companion admin dashboard.

Impact: *Powers exam delivery and analytics for multiple institutes and corporate clients on a single shared platform.*

Tech: *React.js, Next.js, TypeScript, Context API, Tailwind CSS, Shadcn/UI, Java, Spring Boot, PostgreSQL*

Medishop

nepal-medishop-frontend.vercel.app

Full online medical e-commerce platform for browsing and purchasing healthcare and pharmacy products, paired with an admin system for inventory, orders, and customer management.

Impact: *End-to-end ownership of storefront and admin panel, integrated with backend inventory and order APIs.*

Tech: *Next.js, React.js, Context API, Tailwind CSS, Shadcn/UI, Chart.js, Java, Spring Boot, MySQL, Cloudinary*

BabyCare Marketplace

www.thebabycareapp.com

Multi-vendor marketplace for baby and parenting products, including a dedicated admin dashboard for products, orders, users, and vendors.

Impact: *Supported multi-vendor operations with role-based dashboards and real-time order tracking.*

Tech: *React.js, Next.js, TypeScript, Context API, Tailwind CSS, Shadcn/UI, Node.js, Express.js, MongoDB, Cloudinary, Data Visualization*

LooksCart

www.lookscart.com

Eyewear e-commerce platform offering prescription glasses, sunglasses, and fashion eyewear with integrated online checkout and payments.

Impact: *Built full purchase flow from product browsing through secure payment integration.*

Tech: *React.js, Context API, Styled Components, Shadcn/UI, Payment Integration, Vercel*

Dwork-it

www.dworkit.com

Corporate website and digital platform showcasing IT services, software solutions, and professional portfolios for the company itself.

Impact: *Improved organic search visibility through SSR and structured SEO implementation.*

Tech: *Next.js, React.js, Tailwind CSS, Shadcn/UI, SEO Optimization, SSR, Render*

ApplyMyFile (CenturyClassec)

www.applymyfile.com

Consultancy service platform providing visa, documentation, and application-related services for clients.

Impact: *Streamlined multi-step client application workflows into a single guided platform.*

Tech: *React.js, Next.js, Context API, Tailwind CSS, Shadcn/UI*

ADDITIONAL PROJECTS

More projects and code samples available on GitHub: github.com/viveksah56

ExamNepal – Admin Panel (admin-examsnepal.vercel.app) — user, exam, question bank, and role management. *React.js, Next.js, TypeScript, Context API, Shadcn/UI, Node.js, Express.js, MongoDB*

Medishop – Admin Panel — product, inventory, order, and customer management. *React.js, Next.js, Context API, Shadcn/UI, Chart.js, Node.js, Express.js, MongoDB*

BabyCare – Admin Panel (babycare-admin-marketplace.vercel.app) — marketplace operations dashboard. *React.js, Next.js, Context API, Shadcn/UI, Data Visualization*

KSM Nepal (www.ksmnepal.com), **D.workLabs** (www.dworklabs.com), **Hitayu Clinic** (www.hitayuclinic.com), **Black and White** (blackandwhite-frontend.vercel.app) — corporate, healthcare, and brand websites. *Next.js, React.js, Tailwind CSS, Shadcn/UI, SEO, SSG, Responsive Design*

EDUCATION

Pokhara University

Master of Computer Science and Information Technology (MCSIT) — *In Progress*

BSc (Hons) Computer Systems Engineering (IT)

University of Sunderland — ISMT College, Kathmandu | Graduated 2023

CERTIFICATIONS

- Advanced React Web Development Training — Professional Certification, Broadway Infosys Nepal — hands-on React.js & modern frontend development
- Java Programming — Broadway Infosys Nepal

CORE COMPETENCIES

- End-to-end full stack ownership — comfortable moving between database schema design, Java/Spring Boot & Node/Express APIs, and React/Next.js UI without a hard frontend/backend hand-off.
- Systematic debugging and performance optimization across both client and server layers.
- Design-system thinking — building reusable, accessible component libraries adopted across multiple products.
- Clean code and SOLID principles, applied consistently across 13+ shipped projects.
- Cross-functional collaboration with designers, backend engineers, QA, and product managers in Agile teams.