SUSHIL PARAJULI

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Senior Software Engineer (Full Stack)

Intro

Architect and ship high-performance, accessible web UIs (React / Next.js / Node.js / TypeScript) for the Portals platform — transforming Figma designs into pixel-perfect, WCAG-compliant interfaces. Develop scalable design systems via Storybook, enforce test coverage (Jest/Cypress), optimize rendering (SSR/code-splitting), and monitor UX health using Datadog/Sentry. Own end-to-end feature delivery in collaboration with Product and Backend teams, while integrating Web3 capabilities — wallet connectivity, smart contract interactions (ethers.js/wagmi), and secure transaction handling.

Embed security by design: mitigate XSS/CSRF via sanitization & Trusted Types; enforce CSP/HSTS/OIDC with httpOnly cookies & RBAC. Secure the supply chain via Dependabot/Snyk audits, SBOMs, and secrets isolation — backed by leak-scanning CI. Mentor devs, lead rigorous code reviews, and ship code that meets high standards for performance, accessibility, and defense-in-depth.

Work Experience

M2.COM
Senior Software Engineer (Full Stack)

Dubai, UAE
2023 – now

- Lead Portals platform UI development with React + Next.js (App Router & Server Components) + Node.js.
- Rest API integration with microservices architectures written in Java Spring Boot from backend teams
- Driving adoption of TypeScript, testing (Jest, RTL, Cypress), and CI/CD best practices across teams.
- Built a reusable design system + Storybook adaptation to multi-team delivery consistency.
- Delivered bilingual Arabic/English UX with full RTL, semantic HTML, WCAG 2.1 AA.
- Optimized performance: SSR/ISR, code-splitting, image optimization, edge caching, Core Web Vitals tracking.
- Implemented secure auth (OAuth2/OIDC, httpOnly+SameSite cookies, RBAC via middleware) & CSP/HSTS headers.
- Production observability: Sentry + Datadog instrumentation, CI gates (tests, lint, types).
- Cross-functional feature delivery + mentoring & structured code review culture.
- Regional focus: AED currency/time formats, Arabic SEO/schema, low-latency CDN PoPs, Web3 wallet flows.
- Exposure to Flutter App to provide webview support and ensure seamless integration with web components.
- Notabene(Web3 SDK) integration for crypto wallet/withdraw and travel rules compliance.

Jumia Group
Full Stack Developer

Dubai, UAE
2018 – 2023

- Developed reusable UI modules in React & Vue aligned to a shared design system; advanced TypeScript adoption.
- Translated Figma flows into pixel-perfect, responsive, accessible interfaces (WCAG).
- TDD (Jest + RTL), contributed CI quality gates & automation.
- Collaborated on REST API integration & microservices integration patterns.
- Improved SEO & performance using SSR, code-splitting, caching & Core Web Vitals monitoring.
- Strengthened security with CSP, sanitization/escaping, CSRF protections & OAuth/OIDC SSO.
- Supported regional i18n (Arabic/English), locale formatting & mobile-first optimizations.
- Contributed to migrate native apps to React Native for unified codebase and faster feature delivery.
- Achieved 20-30% faster load times and 15% higher user engagement through migrating legacy jQuery code to Nuxt SSR framework

GrowByData

<div align="right">Kathmandu, Nepal
2015 – 2016</div>

Front-End UI/UX Developer

- Created wireframes & prototypes then delivered semantic, responsive UIs (HTML5, CSS3 Flexbox, jQuery, React, AngularJS).
- Built UI components for different squads using AngularJS & React.
- Researched front-end performance & accessibility foundations informing future design-system work.
- Collaborated with backend squad (PHP/.NET) on early RESTful integration patterns.

i-Tech Nepal

<div align="right">Kathmandu, Nepal
2013 – 2015</div>

Sr. Web Developer

- Designed web and mobile mockups and translated them into responsive, semantic UIs (HTML5, CSS3, jQuery, PHP).
- Developed and customized WordPress themes and templates to meet branding and functional requirements.
- Produced graphics and brand assets (logos, banners, print/digital) to support marketing and product launches.
- Planned projects and conducting research to inform IA, component choices, and UX flows.
- Iterated quickly on client feedback to improve usability, visual polish, and content clarity.

Skills & Expertise

Frontend Tech Stack: React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Styled Components, Vue.js, Nuxt.js

Backend Tech Stack: Java, Golang, NodeJS, PHP, Python

Databases (SQL /NOSQL): SQL, MongoDB, PostgreSQL, Redis, Elasticsearch

Data Structures & Algorithms: Arrays & Strings, Hash Tables/Maps, Stack/Queue, Graphs, Heaps, Dynamic Programming, Recursion, Trees (DOM/Virtual DOM), Tries, Caching Strategies (LRU/MRU)

State Management: Redux, Context API, Zustand

Testing & Quality: TDD with Jest, React Testing Library (RTL), Cypress

UI/Component Libraries: Figma, Storybook, Material-UI, Ant Design, Tailwind CSS, Shadcn/UI

Tools & Workflow: Webpack, Vite, Git, Npm/Yarn/Pnpm, CI/CD Pipelines

AI Tooling: Cursor IDE, GitHub Copilot, ChatGPT

Web3 web framework: Wagmi, Ether.js, Alchemy, Hardhat, Notabene

Education

Tribhuvan University

<div align="right">Kathmandu, Nepal
2010 – 2014</div>

Bachelor of Business Studies