SANDIP SHAKYA

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PROFESSIONAL SUMMARY

Frontend Developer with 2+ years of experience building scalable, responsive, and user-focused web applications using Angular, React, and modern JavaScript/TypeScript. Strong background in API integration, state management, UI/UX collaboration, and component-driven development. Skilled in writing unit tests, improving performance, and contributing to CI/CD environments. Adept at working in Agile teams and quickly learning new technologies.

TECHNICAL SKILLS

Frontend: Angular, Angular Material, React, Redux Toolkit, RxJS, JavaScript, TypeScript, Bootstrap, Tailwind CSS, SASS, Responsive Design, REST API Integration, WebSocket, Reactive Forms

Backend: Java (Spring Boot), Node.js (Express), MySQL, PostgreSQL

Tools & Technologies: Git/GitHub, Linux, Postman, Jira, Redmine, Figma, Draw.io/E-draw, Wiki.js, CI/CD (Basic), Jasmine, Karma, Microsoft Office

Additional Skills: Unit Testing, State Management, JWT Authentication, Role-Based Access Control, API Optimization, Agile Development, Performance Optimization, Lazy Loading

PROFESSIONAL EXPERIENCE

Frontend Developer | Annofi Technologies

Aug 2023 – Present | Lalitpur, Nepal

• Developed Angular-based ERP, Inventory, Pathology, and Healthcare modules used by 100+ daily users, improving system reliability and usability.

• Integrated REST APIs with JWT authentication, reducing session failures by 30% and strengthening application security.

• Converted Figma UI/UX designs into responsive, accessible components, reducing UI inconsistencies by 25%.

• Built WebSocket-enabled real-time inventory and payment alerts, enhancing user responsiveness and reducing manual checks by 40%.

• Improved application performance by implementing lazy loading and reusable component structures, cutting initial load time by 35%.

• Optimized frontend performance using lazy loading and reusable component structures.

• Wrote unit tests using Jasmine/Karma for high code quality.

Frontend Developer Intern | Hamro San
Apr 2023 – Aug 2023 | Lalitpur, Nepal

• Contributed to the creation of reusable Angular components used by a team of 5+ developers, streamlining collaboration and reducing duplicate code.

• Employed reactive forms, routing, and UI elements to enhance workflow efficiency.

• Documented development processes, enhancing onboarding speed for new developers.

• Supported UI improvements and contributed best practices for component and state management.

PROJECTS

Accounting Billing Inventory System (ABIS)
• Designed billing, stock tracking, and financial reporting modules for complex business workflows.

• Added WebSocket-based instant notifications, improving user awareness and reducing missed updates.

• Enforced JWT authentication and role-based permissions for secure access.

• Integrated AD/BS date pickers to support Nepali calendar systems.

Pathology Software
• Built patient management, sample tracking, and reporting interfaces for diagnostic workflows.

Dental Pro
• Developed UI components for test processing, reporting, and patient management.

• Implemented permission logic and routing guards for secure data handling.

• Improved UX with responsive layouts and optimized navigation flow.

E-commerce Site (React – Personal Project)
• Created product listings, cart flow, authentication, and checkout components.

• Applied JWT-protected routing and API-driven data handling.

Chess Game (Angular – Personal Project)
• Built an interactive chessboard with move validation and game logic.

• Added RxJS-powered state management for undo actions and check/checkmate detection.

EDUCATION
B.Sc. CSIT | Academia International College (TU) | 2018 – 2022

+2 Science | Ideal Model School | 2016 – 2018

School Level | Horizon English School | 2016