ROSHAN BIST

SOFTWARE DEVELOPER

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CONTACT

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📍 Tampere, Finland

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SKILLS

- React, NextJS, JavaScript, TypeScript
- HTML5, SCSS, Tailwind CSS
- Jest, React Testing Library, Unit Testing, Cross-browser Testing
- NodeJS, ExpressJS, Rest API Design
- Git, GitHub Actions, CI/CD, Docker
- PostgreSQL, MongoDB
- WCAG, ARIA Attributes,
- Figma, Adobe PS
- Jira, Agile Methodology
- Framer Motion

EDUCATION

M.Sc. in Computing Sciences (Software, Web & Cloud)

Tampere University, Tampere, Finland
Aug 2021 - Jun 2024

Bachelor's Degree in Information Management
KCMIT, Kathmandu, Nepal
Aug 2008 - Dec 2012

CERTIFICATES

React Complete Guide (incl NextJS)
Udemy | May 2025

Full-Stack Development
Integrify Academy | Finland | June 2024

Web Designing
Broadway Infosys | Nepal | January 2015

SUMMARY

Software Developer with 5+ years of experience building scalable web applications using TypeScript, React, and Node.js. Skilled in testing strategies with Jest and React Testing Library, writing maintainable code, and ensuring quality through systematic testing practices. Experienced in unit testing and cross-browser compatibility. Known for analytical problem-solving and effective collaboration in Agile environments.

EXPERIENCE

Full-Stack Developer

Integrify Academy, Tampere, Finland | Jan 2024 - Jun 2024

- Developed a scalable e-commerce web app using React, TypeScript, Tailwind CSS, and enhanced state management with Redux Toolkit, improving performance and maintainability.
- Built backend services with Express.js and MongoDB, implementing authentication and data management.
- Integrated Docker and CI/CD pipelines to automate testing and deployment processes, improving development efficiency
- Implemented comprehensive unit testing with Jest ensuring code quality and reliability across the e-commerce platform.

Frontend Developer

Tampere University (Faculty of ENS), Finland | Jul 2022 - Dec 2023

- Developed a scalable, responsive role-based web app with React, Redux Toolkit, and SCSS following Agile development practices.
- Implemented systematic testing protocols to ensure cross-browser compatibility and accessibility compliance with WCAG guidelines.
- Applied analytical problem-solving to identify and resolve performance bottlenecks through code splitting and lazy loading.
- Conducted comprehensive usability testing and documented technical solutions, contributing to 25% improvement in user satisfaction.

Frontend Developer

Rapid Web Solutions, Kathmandu, Nepal | Jan 2015 - Jul 2021

- Delivered 20+ frontend projects with consistent quality assurance practices, ensuring pixel-perfect, accessible designs.
- Collaborated with cross-functional teams in fast-paced environments to deliver bug-free web applications for diverse clients
- Applied systematic testing approaches for cross-browser compatibility and accessibility using WCAG guidelines and ARIA attributes.
- Provided technical support and troubleshooting for client applications, developing strong problem-solving and communication skills.