

## PROFILE

**Innovative and results-driven Senior Software Engineer** with 6+ years of experience delivering accessible, high-performance web and mobile applications in enterprise and product-driven environments. Recognized as a collaborative leader and mentor with strong communication skills and a proven ability to guide teams through complex technical challenges while promoting an accessibility-first mindset.

**Specializes in modern front-end frameworks** (JavaScript, TypeScript, React, Angular, Vue, Next.js) with solid back-end experience in Node.js and Express. Proven in building WCAG-compliant applications, optimizing performance, and leveraging AI-assisted tools such as GitHub Copilot to accelerate delivery and improve code quality within Agile teams.

## CORE STRENGTHS

Accessibility-First & Secure Frontend Development | Scalable Component Architecture & Performance Optimization | Agile/Scrum Delivery & Project Execution | Code Reviews, Mentorship & Technical Leadership | Clear Technical Collaboration & Stakeholder Communication | Continuous Learning & Adaptability

## TECHNICAL SKILLS

**Frontend:** HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Angular, Vue.js, jQuery, AJAX

**Backend & Cloud:** Node.js, Express.js, REST APIs, Microservices, AWS, Firebase, MongoDB, MySQL

**UI/UX & Accessibility:** WCAG 2.1 AA, ARIA, Responsive Design, Figma, Material-UI, Tailwind, Bootstrap

**DevOps & Tools:** Git, GitHub, Bitbucket, Jenkins, CI/CD, npm, yarn, Webpack, Babel, Jira, Confluence

**Testing & Debugging:** Jest, React Testing Library, JSDOM, Postman, Chrome DevTools, Lighthouse

## PROFESSIONAL EXPERIENCE

### **Fidelity Investments – Senior Software Engineer**

*April 2025 – Present*

Led accessibility remediation for enterprise Angular applications, ensuring WCAG 2.1 AA compliance. Partnered with designers, QA, and accessibility specialists to audit and enhance usability across platforms. Utilized Jenkins CI/CD pipelines to build and deploy accessibility fixes, ensuring consistent delivery and integration across environments.

- Resolved accessibility defects 30% faster than projected sprint timelines, accelerating customer issue resolution and compliance sign-off.
- Improved accessibility scores through audits with Axe, NVDA, and Lighthouse.
- Refactored Angular components with semantic HTML and ARIA roles, boosting screen reader compatibility.
- Leveraged GitHub Copilot to streamline refactoring and improve code consistency.

### **Bank of America – Front-end Developer**

*March 2023 – April 2025*

Developed consumer-facing web pages & modules using Vue.js, React.js, JavaScript, and Sass within a component/module-based architecture. Enhanced performance metrics and accessibility compliance while mentoring junior developers.

- Reduced redesign timeline by 50% by mentoring and guiding a team of 5 developers.
- Implemented secure coding practices to safeguard against vulnerabilities.

- Optimized performance (TTI, FCP) using Lighthouse and Chrome DevTools.
- Consistently ensured ADA WCAG compliance across consumer-facing applications.
- Trusted by leadership to support multiple teams during peak UI phases, ensuring timely delivery.

### **Zakipoint Health— Software Engineer**

*Dec 2021 – Aug 2022*

Built cross-platform mobile applications using React Native and Node.js, integrating third-party libraries and Firebase backend. Collaborated with design and QA teams to deliver user-friendly healthcare solutions.

- Enhanced user engagement by implementing push notifications and geolocation services.
- Increased stability with Jest + React Testing Library, improving overall test coverage.
- Debugged complex flows using React Native Debugger and collaborated with QA for validation.
- Praised for effective troubleshooting and delivering reliable production features.

### **Fivonest Technology Pvt Ltd – Web Application Developer**

*Mar 2019 – Nov 2021*

Developed responsive web applications using React.js, Node.js, Express.js, and Next.js. Collaborated with clients to deliver tailored solutions and supervised interns in development projects.

- Implemented a custom restaurant web app that boosted online engagement by 30%.
- Built e-commerce and ERP systems with Redux-based state management.
- Ensured secure authentication with JWT and API integrations.
- Mentored interns and junior developers, strengthening team capabilities.

### **Nepal College of Information Technology – Junior Professor**

*June 2021 – Aug 2022*

Delivered lectures and guided students in computer science subjects, including web technologies and software engineering.

- Developed student information management and log management applications.
- Supervised academic and non-academic projects in web and mobile development

*– Teaching Assistant*

*May 2018 – May 2021*

Conducted lectures and assisted students in programming and software engineering fundamentals.

- Tutored subjects including HTML, CSS, JS, PHP, MySQL, and C++.
- Supported students in building practical web and mobile projects.

## **EDUCATION**

**Bachelor of Engineering in Information Technology** — Nepal College of Information Technology  
*CGPA: 3.91*

## **CERTIFICATIONS**

- AWS Certified Cloud Practitioner — Amazon Web Services
- Front-End Development with React — Coursera
- Server-Side Development with Node.js, Express, and MongoDB — Coursera