

## PROFILE

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Dynamic **Software Engineer with 6+ of experience** specializing in **front-end development**, building modern **single page** and cross-platform applications. Proficient in **JavaScript, TypeScript, JQuery, Vue.js, React.js, Next.js**, with a strong grasp of **Object-Oriented Programming (OOP)** and back-end technologies like **Node.js and Express.js** and currently expanding expertise by **working with Angular** framework. Experienced in leveraging **AI-assisted development tools** such as **GitHub Copilot** to enhance code quality and development efficiency.

Experience in developing web and mobile experience, focusing on **accessibility** and ensuring **WCAG** compliance. Known for being a **team player**, **quickly mastering new technologies**, **mentoring teams**, and excelling in **effective communication**. Strong advocate of **Agile methodologies** and passionate about **continuous improvement and innovation**.

## CORE COMPETENCIES

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<b>Front-end Development:</b>	HTML5, CSS3, JavaScript, TypeScript, JQuery, Ajax, Vue.js, React.js, Angular
<b>Back-end Development:</b>	Node.js, Express.js, Micro-services, REST APIs, AWS, Firebase, MongoDB, MySQL
<b>UI/UX &amp; Accessibility:</b>	Responsive Design, Sass, Tailwind CSS, Material-UI, Bootstrap, Figma, InVision, WCAG 2.1+ compliance, Accessibility testing and remediation
<b>Version Control, CI/CD, build tools &amp; misc:</b>	Git, Bitbucket, npm, yarn, webpack, babel, Jenkins, GitHub copilot, Jira, Confluence
<b>Testing &amp; Debugging:</b>	Postman, React Testing Library, Jest, JSDOM, Browser DevTools, Lighthouse

## PROFESSIONAL EXPERIENCE

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### Senior Software Engineer

*April 2025 – Present*

*Fidelity Investments (Contract)*

- **Remediated web and mobile accessibility issues** in enterprise Angular applications, ensuring **WCAG 2.1 AA** compliance and improving usability for customers with disabilities.
- Refactored Angular + SCSS components with **semantic HTML and ARIA roles**, enhancing screen reader compatibility and cross-device responsiveness.
- Automated deployments of accessibility fixes via **Jenkins CI/CD pipelines**, reducing release cycles and improving delivery efficiency.
- Partnered with designers, QA, and accessibility specialists to conduct audits with **Axe, NVDA, and Lighthouse**, driving **measurable improvements in user experience**.
- Utilized **AI-assisted development tools** (e.g., GitHub Copilot) to streamline Angular component **refactoring, improve code consistency, and reduce development time**.

### Front-end Developer

*March 2023 – April 2025*

*Bank of America (Contract)*

- Successfully developed and implemented multiple modules & components for consumer-facing web pages using **JavaScript, JQuery, Vue.js, React.js and Sass** contributing to the overall digital strategy.

- Applied modular design principles and **component-based micro-frontend architecture** in **Vue.js & React.js**, improving code re-usability and reducing development time for similar UI components.
- Utilized **JavaScript ES6+** features, including **Promises** for asynchronous operations, as well as de-structuring, template literals, and arrow functions, to write **clean, efficient, and maintainable code** across various modules.
- Implemented **Web Storage API** (localStorage and sessionStorage) to **cache** frequently accessed data on the client side, reducing server requests and improving page load times for a smoother user experience.
- **Mentored and guided a group of 5 developers**, few of whom were originally back-end focused, to upgrade an outdated page design to a modern UI. Provided training in front-end best practices and efficient workflows, completing the **redesign in 50% less time than projected**.
- Implemented **secure coding practices** to safeguard against **XSS, SQL injection**, and other vulnerabilities, ensuring compliance with enterprise-level security standards.
- Used **Lighthouse** and **Chrome DevTools** to **identify bottlenecks and iteratively enhance performance** metrics such as Time to Interactive (TTI) and First Contentful Paint (FCP).
- **Led code reviews** and implemented feedback, enhancing code quality, promoting clean architecture, and ensuring adherence to development standards.
- **Collaborated closely with cross-functional teams**, including QA, back-end developers, business analysts, XD partners, and business units, to clarify requirements and ensure visibility throughout the project life cycle.
- Actively participated in the **AGILE development process**, including daily Scrum meetings, to monitor progress, address challenges, and ensure timely delivery of high-quality applications.
- Trusted by manager and team leads to **support different teams during high-demand UI phases**, applying front-end expertise to ensure timely and high-quality completion of UI tasks across projects.
- Recognized for consistently adhering to **ADA WCAG standards**, ensuring accessibility is prioritized in all consumer facing development work. Making use of **WAI-ARIA, role etc** attributes for development, screen readers(**JAWS, TalkBack** etc) for dev testing.
- Commended for going above and beyond in overcoming technical challenges, meeting deadlines, and providing solutions to complex issues which always resulted in project delivery before anticipated time.

## Software Engineer

*Dec 2021 – Aug 2022*

### *Zakipoint Health*

- Successfully developed cross-platform mobile application using **React & React Native** focusing on health sector.
- Worked with **JavaScript, Typescript, React Native, redux, context API & Node.js** and **firebase** on the backend side.
- Developed custom UI components and implemented **third-party libraries** like react-native reanimated, async-storage, geolocation-service, push-notification, signature-capture, web view, keychain, image-picker, calendars, device-info etc.
- Efficiently write test cases with **Jest** and React testing library.
- Collaborated with the design team to implement visually appealing user interfaces.
- Worked with react-native-debugger to **efficiently debug** the project flow and involved in reviewing the completed modules along with the QA team to ensure proper app functioning.
- Worked with project management tool **Trello** to collaborate and keep track of tasks assigned.
- Recognized for effectively **troubleshooting and solving technical challenges**.

## Web Application Developer

*Mar 2019 – Nov 2021*

### *Fivonest Technology PVT Ltd*

- Responsible for developing Web Applications based on **JS frameworks/libraries, PHP and WordPress**.
- Effectively communicated with clients to understand their options and goals, resulting in the successful delivery of custom-designed applications.
- Efficiently converted different design wire frames and **prototypes into responsive Web applications**.

- **Supervised and assisted interns** in Software Development process.
- Experience in **ReactJs, Node.js, Express.js, MongoDB, and Next.js** and building custom UI components for e-commerce and ERP web apps/systems.
- Experience in state management using **Redux/React-Redux, Context and local storage**.
- Experience in Promises and asynchronous functions and libraries like **axios** to fetch data from **API** end-points.
- Confident enough to work on **REST APIs, JWT based authentication**, Promises and external APIs.
- Worked with **POSTMAN** to test API end-points and used browser based developer tools and react developer tools to debug web applications.
- Sound knowledge of technologies and services like **Git, GitHub, Firebase and Mongoose**.
- Confident in working with **Bootstrap, Material-UI and Tailwind CSS**.
- Write test cases with different testing libraries/tools like **react testing library and jest**.
- Recognized for successfully implementing a custom designed restaurant web application which resulted in increase in online user engagement.

### Junior Professor

*June 2021 – Aug 2022*

*Nepal College of Information Technology [part-time]*

- Developed a **Student Information Management Software**, a Web Application based on technologies like HTML, CSS, JS, and jQuery, Bootstrap, Node.js, Express.js and MySQL.
- Solely developed an **Online Log Management Application** using technologies like HTML, CSS, JS, Bootstrap, and jQuery, Ajax, PHP and MySQL to be used among faculty members.

### Teaching Assistant

*May 2018 – May 2021*

*Nepal College of Information Technology [part-time]*

- **Conducted lecture classes** that provide practical as well as theoretical knowledge for students.
- Experienced with **tutoring** subjects like Web Technologies (HTML, CSS, JS, PHP, MySQL), Programming in C++, Software Engineering Fundamentals.
- **Supervised student's academic and non-academic projects** related to Web Application Development and Mobile Application Development.

## EDUCATION

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**Nepal College of Information Technology (Pokhara University)**

*Bachelor of Engineering in Information Technology [CGPA: 3.91]*

**S M V Higher Secondary School**

*Higher Secondary Examination [Percentage: 98.25%]*

## CERTIFICATIONS

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

## ADDITIONAL SKILLS

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- Excellent interpersonal skills and proven leadership abilities that foster team collaboration and spirit.
- **Proficient in debugging issues and promptly finding solutions by making use of google search and common tech platforms like stackoverflow, medium etc.**
- Energetic and eager to learn, with the ability to multitask, prioritize work, and deliver results-focused outcomes.
- Strong problem-solving and analytical skills, capable of tackling complex challenges effectively.