

Suresh Adhikari

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OBJECTIVE

To secure a full-time Frontend Developer (HTML/JS) role where I can leverage my expertise in JavaScript, React, and user-centric design to build high-quality, scalable web applications.

HIGHLIGHTS OF QUALIFICATIONS

- Graduated with a Bachelor of Science in Computing and pursuing a Web Development certificate.
 - Over 3 years of experience in frontend web development with Html, CSS, JavaScript.
 - Familiar in backend development, including database management and server-side logic.
 - Analytical mindset with a strong aptitude for problem-solving, handling stress constructively.
 - Experience in prioritizing and executing tasks in the software development lifecycle (SDLC), Agile with SCRUM methodologies.
 - Familiar with Unit Testing and testing tools like Selenium and Jest.
 - Strong verbal and written communication skills.
 - Committed to continuous learning and staying updated with industry trends.
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TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Php, Java, C#, Python

Development Frameworks/Libraries: React, Next, Express, ASP.NET

Testing Frameworks/Libraries: Selenium, Jest

Architectures: MVC

APIs: RESTful, GraphQL, Web Socket

Databases: MySQL, SQL Server, MongoDB, PostgreSQL, Firebase

Tools: Git, VS Code, Visual Studio, Android Studio, Postman, Figma, MS Visio, Jira, BrowserStack

Build Tools: Webpack, Babel

Containers & Orchestration: Docker, Kubernetes

Cloud: Basic knowledge in AWS, Digital Ocean

Platforms: Web, Mobile

PROFESSIONAL EXPERIENCE

Front-end Developer, Devsign Technologies, Chitwan, Nepal

Oct 2019 - Feb 2023

- Developed reusable UI components using React and Next to improve code efficiency, maintainability, and UI consistency, leading to a 30% reduction in development time for new features.
- Integrated Rest APIs to securely transfer data between the client and server, enhancing data integrity and real-time data access.
- Worked closely with UX/UI designers, backend developers, and other stakeholders to deliver seamless and performant web applications.
- Participated in Agile methodologies, including daily stand-up meetings, sprint planning, sprint demos, and retrospectives.
- Optimized web pages for performance, accessibility, and cross-browser compatibility to ensure a seamless user experience across different devices and browsers, reducing page load times by 35%.
- Maintained existing and wrote high-quality, efficient, and testable code that supports many client platforms (web, mobile).

Technologies Used: *Html5, Css3, JavaScript, jQuery, Bootstrap, ReactJs, NextJs, Material UI, React Core UI, Ant Design, Figma.*

PROFESSIONAL DEVELOPMENT AND CERTIFICATIONS

JavaScript Zero-to-One, ITSNP, Kathmandu, Nepal

May 2020 – July 2020

- Gained an in-depth understanding of JavaScript, including interpreters, and JIT compilers.
- Acquired knowledge of the Chrome V8 engine and the LIBUV library, enhancing insights into JavaScript's execution mechanisms.

- Developed a strong foundation in data structures and algorithms and applying them to optimize code performance.

MERN Stack Software Development, Vrit Technologies, Kathmandu, Nepal. **May 2019 – Sept 2019**

- Gained hands-on experience in MongoDB, Express.js, React.js, and Node.js by developing an e-commerce application to streamline online shopping processes and enhance user experience.
- Specialized in building RESTful APIs with Node and Express, facilitating efficient data communication between client and server.
- Applied advanced techniques in utilizing modern UI frameworks like React-Bootstrap, Ant-Design, and Material UI, ensuring intuitive and responsive user interfaces.

E-commerce Application - Vrit Technologies: The system features two user types: admin and normal users. Admin can add a variety of products and feature items for user visibility, while normal users can browse an extensive product range, with a streamlined checkout process for user convenience. The platform integrates online payment gateways like eSewa and Khalti for secure transactions. Emphasis on security and performance optimization ensures a seamless user experience.

- Built and integrated RESTful APIs to streamline data interaction and communication.
- Implemented a caching mechanism using Redis for the backend and React-Query for the client, significantly reducing database load and enhancing response times for repetitive client requests.
- Developed a user-friendly User Interface (UI), enhancing accessibility and user experience.
- Deployed applications using Continuous Integration/Continuous Deployment (CI/CD) pipelines on Digital Ocean, ensuring seamless updates and efficient deployment processes.

Technologies Used: Node JS, Express JS, Mongo DB, Bootstrap, React JS, Redux.

EDUCATION

Post-Graduate Certificate in Web Development, Conestoga College, Waterloo **May 2023 - Present**

Expected date of graduation: August 2024

Key Courses: Responsive site design, Programming with DotNet, Database Design, Mobile application development, Full-stack programming.

Bachelor of Science in Computing, Leeds Beckett University, UK **March 2015 – April 2019**

Key Courses: Advance software engineering, Advance web engineering, Mobile application development, Production project, Data analysis and design, Computer systems, System analysis and design, Internet server management, Network security.

ACADEMIC PROJECTS

Real Estate Management System, Conestoga College - The system accommodates three user types: Admin, Agent, and Normal User. Admins oversee agent management, property categories, and properties, with capabilities to add, edit, and delete agent information, property categories, and listings. Agents manage property listings by adding new listings and editing or deleting existing ones. Normal Users can view property listings, register and log in to the system, contact agents for property details, and manage their personal profiles and settings.

- Developed and deployed a RESTful Express API, optimizing data interaction and enhancing server communication, resulting in a 40% improvement in data processing efficiency and a 30% reduction in server response times.
- Designed and implemented a user-friendly User Interface (UI) with reusable components, focusing on accessibility and intuitive navigation to improve user experience.
- Utilized Agile software development methodology, facilitating iterative development, continuous feedback, contributing to a 25% improvement in team collaboration.

Technologies Used: React, React Core UI, Splide, AOS, Formik, Yup, Node.js, Express.js, MongoDB.