

Bishal Raj Shakya



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SUMMARY

Forward-thinking Software Engineer and Master's graduate offering 2 years of expertise in building clean and scalable web applications using JavaScript (React | Node) programming language. A seasoned professional with a background in Full Stack lifecycle. Quickly learns and masters' new technologies while working on both team and self-directed goals.

PROFESSIONAL EXPERIENCE

Frontend Developer

Gurung Tech | Nepal

Mar 2021 - Jan 2022 (11 months)

Involved in a variety of internal and external projects. Participated in pilot projects, and other organizational initiatives. Below mentioned are some of the projects that I have contributed to.

My IT Enabler:

- Built and integrated front-end using React.js, react-bootstrap and MUI for material design.
- Designed components and features with multiple design patterns.
- Integrated multiple backend REST APIs with the frontend React applications.
- Unit tested the frontend applications with Karma-Jasmine testing frameworks.
- Applied industry best practices in web design and development, including accessibility and SEO optimization.

Flash Sale Nepal:

- Developed frontend using HTML, CSS and JavaScript implementing responsive design principles.
- Collaborated closely with designers and project managers to translate Figma design into fully functional and visually appealing site.
- Employed Git version control and GitHub platform to efficiently manage code and collaborate with others.
- Monitored and optimized website performance, including page load speeds and mobile responsiveness through regular testing and updates.

Internship

Terakoya Academia Inc. | Nepal

Jul 2020 - Dec 2020 (6 months)

Took part in the industrial training program and involved in web development projects.

Report Manager: This application is used to manage daily reports for a Japan-based firm, Suprieve Inc.

- Developed features and implemented enhancements using Node.js.
- Integrated Google Sheets and Google Calendar APIs to streamline data management and scheduling.
- Automated data manipulation and backups using cron jobs to ensure data safety and minimize downtime.
- Scheduled the cron job to run daily at midnight and used the node-cron and child_process modules to execute the backups.
- Deployed and managed the application using GitHub and Heroku pipelines.

Landing pages (Terakoya Academia, YouMe School):

YouMe School:

- Interacted with the client to understand their requirements and incorporate their feedback into the landing page design.
- Developed and maintained features independently using Node.js, EJS, CSS, and Bootstrap.
- Created a user-friendly interface for improved engagement.
- Tested for cross-browser compatibility and mobile responsiveness.
- Continuously improved performance and user experience.

Terakoya Acadamia:

- Developed and maintained web app features using PHP, HTML5, CSS, and Bootstrap for improved website performance.
- Enhanced user experience with responsive design, UI/UX improvements, and dynamic content updates.
- Maintained customer-facing web app features and ensured easy navigation.
- Managed version control and utilized ClickUp for project management.

Other Technical Experience

Team Leader | Data Specialist

Jan 2021 – Jan 2022 (1 Year)

Cloud Factory | Nepal

EDUCATION

MSc, Computer Science | Coventry University

2022 - 2023

Grade: Merit

BSc, Computing | Coventry University

2017 - 2020

Grade: First Class Degree

SKILLS

Programming languages: Java 8+, JavaScript, Node.js , Typescript, Dart, Python.

Frameworks: Express, FastAPI, Flutter, Android(JAVA), Junit, Karma-Jasmine.

Libraries: React JS, Redux.

Databases: Microsoft SQL, MongoDB, Oracle Database.

Tools: SonarQube, Git, Microsoft SQL Server, Eclipse, Visual Studio Code, React Developer Tools.

Others: HTML, CSS, SCSS, OOP, Maven, Tomcat servers, JSP, REST, SOAP, Azure DevOps, Heroku, Vercell, Netlify, Agile (Scrum).

Familiar with: Azure web app, AWS Elastic Compute Cloud, Data warehousing, Tableau, Next.js, three.js, chart.js, Linux, shell, docker and container.

REFERENCES

References will be provided upon request.