CYRUS SHRESTHA

SOFTWARE ENGINEER

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LinkedIn

PROFESSIONAL SUMMARY

Versatile Full Stack Developer with comprehensive experience in designing and implementing both frontend and backend solutions. Passionate about creating seamless, user-friendly applications, I possess a solid foundation in modern web technologies and frameworks. I am dedicated to continuous learning and improvement, enabling me to tackle complex challenges and deliver high-quality, scalable applications. Committed to enhancing user experiences through innovative solutions, I thrive in dynamic environments that foster creativity and collaboration.

WORK EXPERIENCE

Innovate Tech | Software Engineer   Sep 2023 – Current

- Designed and implemented frontend features in a scalable chat application using **React**, **Typescript**, **GraphQL**, and **Socket.io**.
- Developed and maintained real-time features such as messaging, friend requests, role management, and community creation.
- Integrated dynamic data fetching and live updates via **GraphQL APIs**, ensuring minimal latency and smooth UI transitions.
- Built intuitive and responsive interfaces aligned with UI/UX guidelines, improving the overall user experience.
- Managed complex application state using **Zustand**, ensuring accurate and real-time data representation.
- Solved performance issues by implementing lazy loading, infinite scrolling, and optimizing data rendering for large chat lists.
- Collaborated with backend developers and designers to refine APIs and deliver feature-rich, high-performance interfaces.
- Led code optimization efforts through regular reviews and refactoring, enhancing performance, readability, and maintainability.
- Contributed to production releases by conducting end-to-end testing and fixing high-priority bugs.

Innovate Tech | Associate Software Engineer   Nov 2022 – Aug 2023

- Conducted thorough codebase and application studies to understand system architecture, design patterns, and best practices.

- I actively collaborated with senior developers to improve understanding of technologies, development workflows, and project goals.
- Analyzed feature requirements and contributed to task breakdowns and estimations during planning meetings.
- Supported the frontend development team by converting design requirements into functional user interfaces under guidance.
- Integrated basic REST APIs into existing features and helped maintain data flow between client and server.
- Delivered minor bug fixes and suggested improvements to enhance system usability and reliability.
- Learned and experimented with tools like React, Node.js, and GraphQL in a collaborative team setting.

Trainee | Innovate Tech   AUG 2022 - NOV 2022

- Developed dynamic user interfaces using React, Redux, and Saga, efficiently managing application state.
- Proficient in Git for version control and team collaboration on source code management.
- Gained experience in TypeScript, writing scalable and maintainable code for enhanced development efficiency

Intern | Agi Infotech   OCT 2021 – MAR 2022

- Learned HTML, CSS, and JavaScript to create visually appealing and interactive websites.
- Developed dynamic, responsive web pages using React.js, leveraging its component-based architecture.
- Gained experience in designing and implementing databases with MongoDB.
- Built RESTful APIs and web applications using Express.js, a popular Node.js framework.

SKILLS

- **Frontend Development**: React.js, HTML, CSS, JavaScript
- **State Management**: Redux, Redux-Saga, Redux Toolkit Query, Zustand , React Query
- **Backend Development**: Node.js, Express.js
- **Database**: MongoDB, SQL
- **Programming Languages**: TypeScript, JavaScript, Python, Java
- **Version Control**: Git
- **APIs**: REST, GraphQL
- **Real-time Communication**: Socket.io
- **UI/UX**: Responsive Design, Performance Optimization

EDUCATION

Shahid Dharma Bhakta School   **2016**

School Leaving Certificate

D.A.V.S.K.V.B. Higher Secondary School   **2016 - 2018**

Intermediate (10+2)

Islington College   **2019 - 2022**

B.Sc. (Hons) in Computing

ACTIVITIES

- Volunteered in lots of events as a member of Nepal Scout

REFERENCES

References available upon request