

## EDUCATION

### Shanker Dev Campus (Tribhuvan University)

Bachelors In Information Management; CGPA: 3.66 / 4

Putalisadak, Kathmandu, Nepal

2014 - 2018

## SKILLS SUMMARY

- **Programming Languages:** Javascript (ES6+) • Typescript • HTML5 • CSS3
- **Frameworks:** React • Next.js • Node.js • Svelte • SvelteKit • Tailwind CSS • SASS • MERN Stack
- **Tools:** Git • gRPC • Restful APIs • GraphQL • Redux • Material-UI • Bootstrap • Ant Design • ShadCN • React-Query • Figma • Jest • JWT • Vercel • Docker • Prisma
- **Soft Skills:** Teamwork • Interpersonal communication • Problem solving • Adaptability • Critical thinking • Time management

## WORK EXPERIENCE

### SOFTWARE ENGINEER | HAMRO PATRO INC.

November, 2022 - Present

- Spearheaded on-site optimization initiatives, enhancing user experience and performance, resulting in a 25% increase in page load speed and a 15% reduction in bounce rate.
- Developed and integrated new features into existing projects, employing clean and reusable code practices, which improved code maintainability by 30% and reduced bug reports by 20%.
- Contributed to the implementation of SEO strategies, achieving a 40% increase in organic traffic and a 15% improvement in search engine rankings..
- Implemented a social proofing feature, increasing user trust and driving a 20% boost in sales within the first 2 months.

### FRONT-END DEVELOPER | CHOOSE MY BASKET

April, 2022 - October, 2022

- Engineered reusable components for seamless integration across various web projects, which reduced development time by 30% and increased code re-usability by 40%.
- Conducted ongoing maintenance and optimization of company websites, ensuring peak performance with a 20% reduction in load times and a 15% improvement in site up-time.
- Specialized in both e-commerce and service-based websites, delivering tailored solutions that led to a 25% increase in conversion rates for e-commerce and a 20% boost in lead generation for service-based sites.
- Contributed to the implementation of SEO optimization strategies, resulting in a 35% growth in organic traffic and a 20% increase in search engine rankings over 6 months.

## PROJECTS

### Health ([health.hamropatro.com](http://health.hamropatro.com)) | Hamro Patro Inc.

- Spearheaded the implementation of new features and designs, enhancing the project's functionality and aesthetics.
- Led code optimization initiatives using modern best practices, achieving a 70% boost in performance and maintainability.
- Enhanced user experiences through UI refinements, ensuring a seamless and intuitive interface.
- Implemented on-page SEO strategies to enhance the project's visibility and search engine ranking which resulted in 40% improvement in website ranking.
- Played a key role in migrating the project from React CRA to Vite, leveraging modern tooling to achieve a 30% reduction in bundle size and cut build time from 15 minutes to 5 minutes, enhancing development efficiency and performance.

### Jyotish Sewa ([jyotishsewa.hamropatro.com](http://jyotishsewa.hamropatro.com)) | Hamro Patro Inc.

- Led the implementation of innovative features and designs, enriching the project's capabilities and user experience.
- Spearheaded code optimization efforts, employing modern best practices resulting in performance and maintainability enhancement by 15%.
- Successfully integrated a social-proofing system into the app, substantially enhancing user engagement and driving sales growth by 20%.

### Jyotish Live ([livestream.hamropatro.com](http://livestream.hamropatro.com)) | Hamro Patro Inc.

- Successfully integrated Livekit React components for live streaming, enhancing the project's capability to deliver real-time interactive experiences.
- Developed and implemented web socket functionality for efficient transmission of chat messages with 95% success rate, fostering seamless communication within the platform.
- Engineered a feature enabling viewers to join live streams with Jyotish, providing an engaging and personalized experience for users that boosted user retention by 30%.

### Media Upload Service SDK | Hamro Patro Inc.

- Developed a TypeScript-based media upload SDK for internal use, enabling efficient media file management in project-based folders and streamlined uploads to cloud services like DigitalOcean and AWS. This solution reduced reliance on third-party libraries and improved development efficiency by 40%.

### Sahaj Nepal (Startup Project) | Choose My Basket

- Translated design concepts into fully functional web components, maintaining fidelity to the original vision while optimizing for usability and performance.
- Leveraged popular UI components and libraries such as Material-UI, React Select, React Table, React Query which accelerate development process by 50%, resulting in faster iteration cycles and enhanced productivity.
- Integrated state management solutions, including Redux, to streamline application state handling and reduce prop drilling by 60%, resulting in a more scalable and maintainable codebase with a 40% improvement in debugging efficiency.