Ruchi Raj Karki

Full Stack Developer

+9779840715304 ◇ ruchirajkarki@gmail.com ◇ Kathmandu, Nepal ◇ Open to Remote ◇ Open to Relocate ◇
LinkedIn ◇ GitHub

SUMMARY

Aspiring Full Stack Web Developer with hands-on experience in frontend development and a solid understanding of backend technologies. Proficient in HTML, CSS, JavaScript, and modern frameworks like React and Next.js. Passionate about building efficient and scalable web applications.

EXPERIENCE

Frontend Intern   Sep '23 — Present
KARYATHALO   Kathmandu, Nepal
- Partnered with the development team to design user-friendly web interfaces.
- Implemented responsive design principles, enhancing user experiences across devices and increasing mobile trac by 30%.
- Collaborated with a team of 5 to debug and refactor a legacy codebase, improving application performance by 30% and reducing load times by 20%.
- Conducted over 20-25 code reviews per month, ensuring adherence to coding standards and best practices, resulting in a 15% reduction in bugs and a 10% increase in team productivity through knowledge-sharing sessions.
- Utilized version control systems like Git for efficient collaboration and code management.
- Stay updated with the latest frontend technologies and best practices to ensure the application remains modern and efficient.

Graphics Designer
Rees Nepal   Aug '18 — Apr '22
- Collaborated cross-functionality to develop creative and informative graphics.
- Used knowledge of graphics design software like canva, photoshop to produce graphics art and visual materials for promotions.
- Applied graphics design principles to communicate themes and messages in non-interactive communication materials.

EDUCATION

Bachelors in Business Studies, Bhanubhakta Memorial College   Jan '20
                                                                       Kathmandu, Nepal
- Currently Pursuing Bachelors Degree in Business Studies.

Higher Secondary Education (+2) in Computer Science, Trinity International College   Jan '14 — Dec '16
                                                                       Kathmandu, Nepal
- Finished my +2 degree in the year 2016 with Computer Science as Major subject.

PROJECTS

Blog Management Website (MERN STACK) Link
- Developed secure user login and registration using JWT tokens and bcrypt for password encryption.
- Engineered robust API endpoints for managing users, blogs, and categories; established a Role-Based Access Control (RBAC) system, enhancing security compliance and reducing unauthorized access incidents by 50%.
- Implemented Redux for State Management, also used useContext for learning purpose.
- Set up middleware for logging, cookie management, and handling cross-origin requests.
- Designed MongoDB schemas and models for users and blogs.
- Configured Vite with React and TypeScript for the frontend, and integrated Tailwind CSS for styling.
- Established a CI - Continuous Integration system with Github and Vercel

DJ Resub Portfolio (React) Link
- Created a personal portfolio website using React. Showcased projects, skills, and contact information in a clean and modern design.
- Optimized in-app navigation with React Router, resulting in a 30% reduction in user navigation errors.
- Built a music player for users to listen to mixes made by DJ Resub.
- Created a timeline to display the events and milestones of DJ Resub.

Plant Store - Ecommerce (MERN STACK) Link
- Developed a simple ecommerce store with integrated Esewa payment gateway.
- Built an admin dashboard for managing products, orders, and users.
- Integrated features like product search, ltering, and a shopping cart.

CERTIFICATIONS

MERN Stack Development Course
Broadways Infosys

SKILLS

Frontend Development   HTML and CSS, JavaScript, TypeScript, ReactJS, NextJs, Bootstrap, Tailwind, React Redux, Tanstack
Backend Development   Node.js, Express.js
Version Control   Git and Github
Database   MongoDB, SQLite, PostgreSQL, Firebase
Security   Bcrypt, Helmet.js, Passport.js, Clerk, OAuth
API Development   Restful APIs