

Basant Rai

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Profile

I enjoy learning new technologies and building useful, creative solutions. I'm always looking for ways to improve my skills and help others grow.

Skills

- **Frontend:** HTML, CSS, React, Next.js, Tailwind CSS, Bootstrap, Sass, Wordpress, Material UI, D3.js, Socket IO, Shadcn, Framer-motion, Astro
- **Backend:** Nextjs, Next Auth, Node.js, Express, MongoDB, MySQL, Firebase
- **Cloud Platforms:** Azure(App service, VM), AWS (EC2, Amplify), DigitalOcean, GCP(Compute Engine)
- **Version Control:** GitHub, Gitlab.
- **Others:** JavaScript, TypeScript, Redis, Websocket, Prisma, Docker, Nginx, Linux

Work Experience

Software Developer

Jun 2024 – present

Advik AI

- Developed full-stack features including frontend (React, Next.js, Zustand) and backend (Node.js, Prisma, MySQL, MongoDB, Redis) for a scalable CMS and web platform.
- Led frontend development, managing reusable component libraries to ensure code consistency and scalability.
- Implemented a microfrontend architecture with TurboRepo and a monorepo setup for efficient, modular development.
- Built a Transport Management System (TMS) dashboard with modules for fleet management, invoice processing, and load tracking, using React and WebSocket for real-time updates.
- Integrated maps for location-based services and geospatial data visualization.
- Managed server deployment workflows, Docker containers, NGINX reverse proxy configurations for smooth operations.
- Worked closely with backend developers and stakeholders to deliver end-to-end business features, contributed to UI/UX finalization, handled server and deployment pipelines.

MERN Tutor

Apr 2024 – Aug 2024

New Era Institute

- Taught a comprehensive MERN stack development course, guiding students through fundamental and advanced concepts of web development.
- Mentored students in building interactive and dynamic web applications, including a complete e-commerce website project.
- Covered core technologies such as HTML, CSS, React, REST APIs, Tailwind CSS, Node.js, and MongoDB.
- Included advanced topics like searching, collaborative filtering, and best-match suggestion algorithms.

Frontend developer

Jul 2023 – Aug 2024

Perceive Now

- Developed and maintained a data visualization and report generation web application utilizing D3.js and React.
- Implemented TurboRepo for a micro-frontend architecture, enabling multiple websites from a single codebase.
- Integrated websocket for real-time chat communication to facilitate model responses.

- Built and launched a fully functional website using WordPress, including theme and plugin customization.
- Integrated Stripe for payment processing.
- Managed CI/CD implementation with Azure App Service and GitHub.
- Cloud Platforms: Azure, Digital ocean.

Frontend Developer (Freelance)

Dec 2023 – Apr 2024

VVerse

- Translated Figma designs into functional web pages using HTML, CSS, and Bootstrap.
- Developed front-end components using React.js, Next.js, and Tailwind CSS.

Front end developer (Freelance)

Apr 2023 – Jul 2023

Seveti

(Seveti is a SaaS platform connecting users who offer and access expertise-based services.)

- Resolved bugs and added new components to a Vue.js application.
- Contributed to the development of a React application, including the complete rebuilding of components to enhance functionality.
- Deployed and managed applications on AWS and DigitalOcean cloud platforms.

Front end developer

Mar 2022 – Apr 2023

LotusSoft & YoungTech

Everspeaker Project:

- Designed and developed a responsive, user-friendly web application, including a Content Management System (CMS), to simplify speaker search for various events and business needs.
- Implemented state management with Context API.
- Integrated Stripe as the primary payment gateway.
- Integrated Firebase for real-time chat and notifications.
- Technologies Used: Next.js, Tailwind CSS, Stripe, NextAuth.js, Context API

Remwork Project:

- Built a website and dashboard CMS using Next.js.
- Utilized Next.js, NextAuth.js, and Tailwind CSS.

Web designer (Intern)

Apr 2021 – Aug 2021

Cygnus Tech Nepal

- Designed and developed responsive websites with HTML, CSS and Javascript.

Education

Bachelor in Science Computer Science and Information Technology (Bsc.CSIT)

Kathmandu Bernhardt College (T.U)

Personal Projects

UI Library

My own customizable simple ui elements to use in projects, designed for flexibility and efficiency.

https://www.npmjs.com/package/simple_ui_elements 

Chat app

Real-time chat application built with Node.js and Socket.io.

Training

MERN stack development

Dursikshya Education Private Limited

Languages

Nepali, English, Hindi