

Prachanda Rana

Experienced software engineer with a focus on building engaging & accessible digital experiences

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Relevant Experience

Lead Engineer Cartmade Mar 2024 — Present

Senior Engineer Sept 2020 — Mar 2024

Engineer May 2018 — Sept 2020

- Build, style, and ship high-quality websites, design systems, mobile apps, and cross-platform digital experiences for a diverse array of clients using technologies such as JavaScript, TypeScript, React, CSS, WordPress, Contentful, and more.
- Lead the development and architecture of technical tools like content management systems, REST APIs, and continuous integration pipelines to fulfill business requirements
- Work alongside product & project managers, designers, and other engineers to transform creative concepts into refined digital experiences at on agile (2 week).
- Provide leadership within engineering department through close collaboration, building tools to improve developer experience, and mentorship.
- Spearhead company-wide accessibility initiatives such as creating documentation for best practices, establishing a standard accessibility checklist for developers, and facilitating knowledge.

Developer DeerHold Spring 2017 & 2018

- Collaborated with other designers and engineers on volunteer projects to create new brands, design systems, and websites for organizations in the community.
- Built and delivered technical solutions according to stakeholder business requirements.

UI Engineer Supreme IT solutions July — Dec 2017

- Developed and styled interactive web applications for Supreme It Solution using Ember and SCSS
- Built the Job Portal for supreme IT solution leveraging third- party and internal API integrations
- Architected and implemented the backend using nodejs and mongodb with user authentication.

Software Engineer TechCrafts July — Dec 2016

- Engineered and improved major features of tech crafts's customer-facing Android web app using React Native, ES6, Nodejs, Backbone, and CSS
- Proposed and implemented scalable solutions to issues identified with cloud services and user-facing applications responsible for communicating with the tech craft station router
- Collaborated with designers and other developers to ensure thoughtful and consistent user experiences across iOS and Android mobile apps

Creative Technologist Co-op DeerWalk July — Dec 2015

- Developed, maintained, and shipped production code for client websites primarily using HTML, CSS, Sass, JavaScript, and jQuery
- Performed quality assurance tests on various sites to ensure cross-browser compatibility and mobile responsiveness.

Skills

Programming Languages

JavaScript (ES2015+), TypeScript, HTML, CSS, Sass, PHP, GraphQL

Libraries & Frameworks

React, Next.js, Shopify-liquid, Shopify-App, Remix, Gatsby, Express, Node.js, React Native, Tailwind CSS, Styled Components, Framer Motion, Anime.js,

Tools & Platforms

Git, GitHub, Netlify, Vercel, Heroku, WordPress, Contentful, Firebase, Storybook, Docker, Webpack, Figma

Selected Projects

Library Management System

Management System with chat and e-commerce functionality. Topics covered include the principles of REST APIs, user auth flows, Node, Express, React, Tailwind CSS, Socket and more

Movie flex hub

Static site for information about latest movies on internet.

Shopify App(Catalog2Cart)

Published on the Shopify App Store, adds clickable hotspots to PDFs, turning them into interactive shopping experiences. It boosts engagement, and has been shown to increase sales by 20%.

prachandarana.vercel.app(v1)

Old personal website built with react and framer motion

Education

College of Central State

Bachelor in Computer Application.

Data Structure and algorithm

Software Development & Project Management