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) cadence
- 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 shores

Developer [DeerHold](#) Spring 2017 & 2018

- Collaborated with other student designers and engineers on pro-bono 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 Cordova, ES6, Handlebars, Backbone, Marionette, 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, Algolia, 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](#)(v2)
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