

# Neha Nandi

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## SUMMARY

Passionate Frontend Developer with over 2 years of experience in UI/UX development with a strong skill in Typescript, Javascript, VueJS, React, and Sass/SCSS. Dedicated to crafting user-centric digital experiences that seamlessly blend functionality with aesthetics.

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## SKILLS

**Software:** Vue.js, ReactJS, Vuex, Javascript, Typescript, Jest, Nuxt, HTML5, CSS5, Git, Postman, Adobe XD, Figma

**Libraries:** Framer Motion, Sass, SCSS, Bootstrap, Tailwind, Vuetify, Chakra UI, Material UI

**Additional languages:** Java, Python, C++, SQL

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## EXPERIENCE

### Frontend Software Engineer

**mambo EMM**

**September 2022 – October 2023, USA, Remote**

- Developed the desktop application 'mambo EMM' using Typescript, Vue.js, and Jest with a 95%+ test coverage, resulting in a fully reactive and responsive application.
- Employed Vuetify and Bootstrap, a CSS framework, to develop a new user interface that reduced development time by 50% and improved the performance of the application's UI by increasing the load time.
- Implemented 90% of the development features in a 6 week cycle by building features, fixing bugs, writing unit test cases, and refactoring code thereby displaying problem solving skills and an attention to detail.
- Developed a reusable frontend component library for the team to promote reuse and reduce development time by 50%.
- Increased application unit test coverage by 90% with Jest by generating test cases and documenting scenarios for comprehensive testing and a test driven development.
- Resolved 90% of software bugs within a day of being reported to maintain a high-quality user experience by investigating, diagnosing, and resolving these bugs in our codebase.
- Achieved a >95% code review completion rate for 10 merge requests per week by assigning reviewers, testing code, and approving merge requests.
- Improved developer productivity by 20% by creating and maintaining detailed documentation for team reference and future development.
- Improved the user interface by scaling the website responsiveness to large screens using HTML and CSS, which increased user satisfaction by 10%.
- Improved the codebase quality by participating in code reviews, writing unit tests, identifying potential edge cases, and refactoring code.

### Project Engineer

**Wipro**

**August 2021 – June 2022, Bangalore, India**

- Developed a dynamic full-stack application internal to Apple with the goal of streamlining the company's internal management processes through an app called Seat Manager.
- Participated in the development of a project with a team of 8 engineers and a product owner, using an Agile methodology following continuous integration and continuous development, with a total velocity of 25 story points per sprint, with an average sprint duration of 2 weeks.
- Key technologies used in the project included Vue, Vuex, Vue Router, Bootstrap, and SCSS.
- Improved accessibility of company intranet application for employees with disabilities using WCAG 2.0 guidelines, which increased usability by 90% (measured by a combination of fewer accessibility tickets and more positive user feedback).
- Designed and developed complex components in Vue.js with HTML5 and CSS3, and deployed enhancements to the intranet portal of the company, which helped to automate the seat allocation process efficiently.
- Reduced open defects by 70% over 6 months, by developing a robust test suite and tracking defects using a bug tracking system.
- Reviewed and refactored code to increase the efficiency of the code base through the reduction of bugs by 50% within two weeks, while making sure that the code fulfilled the business requirements.
- Collaborated with other Engineers on Github, and via calls with an emphasis on quality, maintainability, and security.

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## PROJECTS

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### Personal Portfolio

<https://github.com/nehanandio9/neha-nandi-portfolio>

- Github link – <https://github.com/nehanandio9/neha-nandi-portfolio>.
- Created a responsive Personal Portfolio that supports multiple screen sizes, from small mobile devices to large desktop screens, using CSS media queries.
- Designed and built a responsive portfolio using React, Sanity for Headless CMS, and Adobe XD, resulting in a portfolio that's fast to load, mobile friendly, and easy to manage and update.
- Implemented React Router for seamless navigation and incorporated elegant animations via Framer Motion and customized CSS for an aesthetic visual identity for the personal portfolio.
- Edited and maintained the repositories on Github and developed an automated deployment system to effortlessly deploy the web portfolio with minor updates.

### Nora Cosmetics

<https://github.com/nehanandio9/nora-cosmetics>

- Developed a sophisticated skincare landing page using React, Tailwind CSS, Webpack, and the Sephora API.
- Designed a user interface from scratch with Figma, ensuring an appealing and intuitive user experience;
- Improved the performance of the product listing page by reducing the time to first paint and time to interactive metrics by implementing pagination to handle a large volume of product listings from the Sephora API.

### Image Gallery

<https://github.com/nehanandio9/image-gallery>

- Created an interactive image gallery with React and Tailwind CSS, featuring dynamic image searching, which can search through over 1000s of images.
- Successfully integrated a search functionality that allows users to easily discover and access images through a search bar that returns results based on metadata.

### Anime Tracker

<https://github.com/nehanandio9/anime-tracker>

- Created an Anime Tracker application from scratch, in a team, using Vue.js and Vite to ensure rapid development, maintainability, and optimal performance.
- Integrated the Jikan API for real-time anime list and episode data by creating a new Axios fetch call, adding the data to Vue state in composition API, and then mapping the data in the Vue components, allowing users to easily search for their favourite anime titles and add them to a personal watchlist.
- Developed the Anime Tracker using Vue's Composition API to manage state and local storage to ensure data persistence.

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## INVOLVEMENT

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### Co-Chair

Vellore Institute of Technology, Vellore • IEEE-EMBS • May 2020 – August 2021

- Successfully led three high-impact events, each with 80+ participants, covering Electronics in Healthcare, CPR Training, and Human Forensics.
- Demonstrated exceptional project management skills, including venue selection, guest speaker coordination, and logistics oversight, resulting in well-received events.
- Designed engaging training sessions that boosted participants' knowledge and readiness for emergencies, earning positive feedback.
- Mentored 20 juniors in electronics, teaching Arduino, MATLAB, and facilitating hands-on projects, showcasing their newfound skills.
- Exhibited strong teaching and time management abilities while balancing mentorship with other commitments.

### Design Lead - Public Relations

Vellore Institute of Technology • JUVENILE CARE • November 2019 – November 2020

- Led the PR team in developing and executing strategies to enhance the organization's visibility and outreach, resulting in a 50% increase in reach and engagement on Instagram and a 30% increase in engagement on Facebook.
- Mentored a team of 20 individuals to create engaging social media posts, blog articles, brochures, flyers, and event invitations, which resulted in a 30% increase in event attendance.
- Led a team of 30 in organizing a free medical camp for a village with over 400 residents, resulting in a 75% reduction in the number of patients visiting the nearby hospital.
- Raised 4.2 Lakh INR through a COVID-19 fundraiser, providing essential support to orphanages and aiding flood crisis relief efforts by conducting a live telethon and Instagram fundraiser campaign with a GoFundMe account.

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## EDUCATION

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### Bachelors in Technology in Biomedical Engineering

Vellore Institute of Technology · Vellore, India · 2021