

Neha Nandi

Aylesbury • United Kingdom • nandineha09@gmail.com • [Github](#) • [LinkedIn](#) • [Portfolio](#)

An electronics engineer with a passion for UI/UX development, I possess a diverse skill set and a keen eye for design. I specialize in using TypeScript, JavaScript, Vue.js, React.js, and Sass/SCSS to craft intuitive websites and web applications. My attention to detail ensures a smooth user experience while adhering to the best code standards and practices. I am dedicated to creating user-centric digital experiences that seamlessly blend functionality with aesthetics.

Education

VELLORE INSTITUTE OF TECHNOLOGY

Bachelors in Biomedical Engineering

CGPA: 8.91

Skills

Languages: Javascript, Typescript, HTML5, CSS3, Java, Python, C++, SQL

Frameworks: Vue.js, Chakra UI, Material UI, Bootstrap, Vuetify

Libraries: React, jQuery, framer-motion, web3.js, Jest

Additional tools: Sass/SCSS, Tailwind, Git & Github, Postman

Experience

MAMBO EMM

Frontend Software Engineer

Orlando, Florida

September, 2022 - Present

- Developed the desktop application mambo EMM using Typescript, Vue.js, and Vuex, ensuring reactivity and responsiveness.
- Obtained the Android Enterprise Professional Certification and consistently integrated the latest features offered by AMAPI to the application..
- Employed Vuetify and Bootstrap for efficient UI development and improved user interface design.
- Hands on experience with Stripe test dashboard for payment integration.
- Dockerized application environments for seamless deployment and reproducible testing.
- Collaborated with cross-functional teams, conducted code reviews, and maintained coding standards.
- Led end-to-end feature development, ensuring functionality and ensured performance met requirements.
- Implemented Jest unit tests for code stability and regression risk reduction.
- Conducted thorough bug analysis and resolution to maintain high-quality user experiences.
- Generated test cases and documented scenarios for comprehensive testing.
- Assisted in validating merge requests, ensuring smooth integration of code changes.
- Maintained detailed documentation for team reference and future development.
- Adhered to industry best coding practices, emphasizing maintainability and scalability.
- Consistently met project deadlines, demonstrating strong time management skills.
- Fostered a collaborative working environment, actively engaging with team members for knowledge sharing and problem-solving.

WIPRO

Project Engineer

Bangalore, India

August, 2021 - June, 2022

- 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
- Key technologies used in the project included Vue, Vuex, Vue Router, Bootstrap, and SCSS, with an Agile development methodology being followed.

- Accessibility guidelines based on WCAG were implemented throughout the application to improve usability for all employees.
- Complex components were created and additional features were added based on business requirements, including addition of features to allocate seats, mail, or both to a user.
- Bugs and defects were resolved with each build and release, leading to improved stability and performance of the application.
- Effective coordination and communication were maintained with the internal team to resolve network issues, data defects, and application builds.
- Participated in code reviews on Github, peer programming, QA discussions, and strategy meetings to ensure quality code, meet business requirements, and align with the overall project goals.
- Demonstrated strong problem-solving skills and attention to detail, along with the ability to work collaboratively with others in a fast-paced, cross-functional team environment.

Leadership and Activities

IEEE-EMBS

Vellore, India

Co-Chair

May, 2020 - August, 2021

- Successfully organized and executed highly impactful events related to Electronics in Healthcare, CPR Training, and Human Forensics, attracting over 80 participants, including top leading doctors from a renowned institute.
- Demonstrated strong project management skills, including venue selection, guest speaker coordination, and logistics oversight.
- Designed engaging and interactive training sessions resulting in increased knowledge and preparedness for emergency situations. Received positive feedback from stakeholders and participants.
- Mentored 20 juniors in electronics, imparting necessary skills on the use of Arduino, MATLAB, and different projects, and enabling them to design and build projects that showcased their newfound knowledge and abilities.
- Demonstrated strong teaching skills and adaptability in managing the mentorship, and utilized effective time management skills to balance mentorship responsibilities with other commitments.

JUVENILE CARE

Vellore, India

Design Lead - Public Relations

November, 2019 - November, 2020

- Delegated with the PR team to plan and implement various strategies to improve the following and reach of the organization.
- Mentored a team of 20 responsible for designing social media posts, blogs posts, brochures, flyers, and event invitations.
- Organized
 - o Sparsh-a free medical camp in a village with a population over 400 people
 - o Juvenile Care Premier League -an Annual Sports Event For children with Disabilities
- Raised 4.2 Lakh INR for a COVID19 fundraiser which helped provide for orphanages, and helped provide relief for people facing a flood crisis.

Projects

Personal Portfolio

- <https://github.com/nehanandi09/neha-nandi-portfolio>
- Designed and developed a personal portfolio website utilizing React, Sass/SCSS, Framer Motion, and Sanity as a headless CMS.
- Implemented React Router for seamless navigation, incorporated elegant animations via Framer Motion, and customized CSS for a unique visual identity.
- Ensured responsiveness and compatibility across various devices to deliver an optimal user experience.

Nora Cosmetics

- <https://github.com/nehanandi09/nora-cosmetics>
- Developed a sophisticated skincare landing page using React, Tailwind CSS, and the Sephora API.
- Designed the user interface from scratch with Figma, ensuring an appealing and intuitive user experience.
- Proficiently implemented pagination to handle a large volume of product listings from the Sephora API.

Image Gallery

- <https://github.com/nehanandi09/image-gallery>
- Engineered an interactive image gallery with React and Tailwind CSS, featuring dynamic image searching powered by the Pixabay API.
- Successfully integrated a search functionality that allows users to easily discover and access images.

Fiber Landing Page

- <https://github.com/nehanandi09/fiber-landing-page>
- Created a responsive landing page using React and Chakra UI, demonstrating adaptability in working with cutting-edge UI libraries.
- Ensured a seamless user experience by optimizing the landing page for various screen sizes and devices.

Anime Tracker

- <https://github.com/nehanandi09/anime-tracker>
- Developed a robust Anime Tracker application using Vue.js and Vite to ensure rapid development and optimal performance.
- Integrated the Jikan API for real-time anime list and episode data, allowing users to easily search for their favorite anime titles and add them to a personal watchlist.
- Utilized Vue's Composition API for efficient state management, enhancing code organization and maintainability. Ensured a seamless user experience with data persistence across sessions through local storage.