

Neha Nandi

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

Passionate electronics engineer with expertise in UI/UX development and a strong skill set in TypeScript, JavaScript, Vue.js, React.js, and Sass/SCSS. Dedicated to crafting 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

Remote

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 Co-Chair

Vellore, India
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.

JUVENILE CARE Design Lead - Public Relations

Vellore, India
November, 2019 - November, 2020

- Led the PR team in developing and executing strategies to enhance the organization's visibility and outreach.
- Mentored a team of 20 individuals responsible for creating engaging social media posts, blog articles, brochures, flyers, and event invitations.
- Spearheaded the organization of several impactful initiatives, including:
 - "Spash" - a free medical camp benefiting a village with over 400 residents.
 - "Juvenile Care Premier League" - an annual sports event for children with disabilities.
- Successfully raised 4.2 Lakh INR through a COVID-19 fundraiser, providing essential support to orphanages and aiding flood crisis relief efforts.

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.