

Devi R

Senior Frontend Engineer | 8 years

Bangalore | devi.frontend@gmail.com | [Linkedin](#) | [Portfolio](#)

WORK EXPERIENCE

[Zamp Finance - Bangalore](#)

Technologies : React.js, Next.js

Software Developer (Frontend)

Jan 2023 – Feb 2025

- **Cash Flow Summary:** Built a robust Ag-grid spreadsheet displaying thousands of rows of financial data, reducing operational manual time by 40% and enabling key clients to migrate from cumbersome Excel sheets to our platform.
- **2 Factor Authentication:** Implemented a secure 2FA mechanism for critical actions like money transfers and team management, significantly reducing unauthorized access and boosting user trust.
- **Move Money:** Developed seamless transfer functionalities for both fiat and cryptocurrency transactions, enabling users to execute single, bulk and self-transfers with real-time status updates and transaction history.
- **Optimized Asset Management & Caching Strategy:** Utilized SVG sprites to minimize HTTP requests and improve load times, while integrating GCS with Cloud CDN to cache assets at edge locations, resulting in a combined 50% faster load times and enhanced performance metrics.

[Vedantu - Bangalore](#)

Technologies : React.js, Next.js, Angular.js (v1), Vue.js

Software Engineer 4

Jun 2022 – Jan 2023

- **Team Leadership:** Led a team of 6 junior frontend engineers and interns, enforcing code quality standards, fostering best practices, and ensuring timely delivery of critical features.
- **Test & Assignment Platform:** Revamped the test-taking and assignment submission system with features like auto-save, dynamic question rendering, and a time-tracking mechanism. Improved user experience through responsive design, keyboard navigation, and accessibility compliance (WCAG).
- **Student Onboarding:** Crafted a seamless onboarding experience for new students, resulting in a 30% increase in conversion rates and significantly enhancing first-time user experience.
- **Schedule:** Engineered a student schedule dashboard with date-based grouping and calendar filtering. Normalized and merged data from multiple microservices, implementing bi-directional infinite scrolling to improve load times by 20% and boost DAU by 12%.

Software Engineer 3

Apr 2021 – May 2022

- **Micro-frontend:** Transitioned the application from a monolithic architecture to a scalable micro-frontend structure, migrating legacy code to Next.js while implementing unit testing with Jest, build status tracking, and comprehensive documentation.
- **Performance Monitoring:** Integrated performance analytics tools to provide real-time visualizations and error tracking, enabling the team to identify and resolve issues more efficiently, resulting in refined code quality.
- **Common UI Library:** Engineered and integrated a standardized UI component library across multiple applications, improving design consistency and accelerating the development process through the use of reusable components.

Software Engineer

Jan 2020 – Mar 2021

- **Home Page:** Designed and developed the post-login landing page, showcasing a personalized class schedule, upcoming tests, assignments, and essential dashboard metrics for quick access to vital student information.
- **Gamification:** Architected and executed gamification features to elevate student engagement through interactive learning elements, resulting in a 70% increase in online class participation.
- **Subscriptions:** Led the frontend revamp of the subscription management system, streamlining renewal and upgrade processes, and ensuring seamless integration with multiple payment gateways.

ConceptOwl - Trivandrum

Technologies : React.js, Angular.js (v1)

Frontend Developer

Jul 2018 – Jan 2020

- Served as the sole frontend developer, responsible for enhancing the user experience across the website, student app, and admin dashboard. Redesigned the dashboard using React.js, streamlining data visualization with Chart.js for enhanced reporting and analytics.

Tata Consultancy Services

Technologies : HTML, CSS, JavaScript

Assistant System Engineer

Mar 2017 – June 2018

- Trained in HTML, CSS, and JavaScript, and collaborated on projects building user-friendly web interfaces, laying the foundation for my frontend development career.

SKILLS

- **Languages & Tools:** JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS, Tailwind CSS
- **Frameworks & Libraries:** React.js, Next.js, Redux, Cypress, Jest, Webpack, Babel
- **APIs:** RESTful APIs, GraphQL, WebSockets, Axios
- **Version Control & CI/CD:** Jenkins, GitHub Actions, GitLab CI
- **Cloud & Infrastructure:** AWS, Google Cloud (GCS), Kubernetes, Docker
- **Performance Optimization:** Code splitting, Lazy loading, Asset Optimization, SSR, SSG, Web Vitals
- **AI Assisted Development:** Cursor, Github Copilot, ChatGPT, Claude

FEATURED PROJECT

Micro-frontend Portfolio | devi-r.com

An interactive portfolio built with a microfrontend architecture using React and Module Federation to demonstrate principles of frontend system design and independent deployment.

EDUCATION

College of Engineering, Trivandrum

Electronics & Communication Engineering

Aug 2012 – May 2016