

SIDDI VINAYAKA

Senior Frontend Engineer

Bengaluru, India | +91 9480559739 | siddi.vinayaka.bhat@gmail.com | [linkedin.com/in/siddhivinayaka](https://www.linkedin.com/in/siddhivinayaka) | github.com/svinayaka | siddivinayakadev.netlify.app

PROFESSIONAL SUMMARY

Senior Frontend Engineer with 10+ years of experience building enterprise web applications using React, Angular, TypeScript, and JavaScript. Experienced in developing shared component libraries, design systems, and micro frontend architecture, with a focus on accessibility, automated testing, and performance. Contributions include maintaining 60+ Web Components, improving an internal accessibility audit score from 78% to 94%, and increasing application unit test coverage from 30% to 80%.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS

Frontend: React, Angular, Next.js, Redux, Bootstrap, D3.js, Plotly

Architecture: Web Components, Design Systems, Micro Frontend Architecture, Component Architecture, Responsive Design, CSS Grid, Flexbox

Testing: Playwright, WebdriverIO, Cypress, Karma, Jasmine, End-to-End Testing

Accessibility & Performance: WCAG 2.1 AA, ARIA, VPAT, Lighthouse, Core Web Vitals

Tools & Delivery: Chrome DevTools, React DevTools, SonarQube, Code Reviews, Git, npm, Webpack, Jenkins, CI/CD, Agile/Scrum

APIs: REST APIs, JSON

Additional: jQuery, AngularJS, Kendo UI, LESS, TFS

PROFESSIONAL EXPERIENCE

Senior Software Engineer | PowerSchool Group LLC

Mar 2023 – Dec 2025

Bengaluru, India

- Designed and maintained 60+ Web Components for a shared design system used by multiple engineering teams across React and Angular applications.
- Improved the internal accessibility audit score from 78% to 94% through VPAT evaluations and component updates using WCAG 2.1 AA, semantic HTML, and ARIA.
- Established approximately 120 Playwright and WebdriverIO end-to-end tests using Chrome DevTools Protocol, covering 80% of critical user flows and reducing manual regression time by about 50%.
- Documented component APIs, states, and usage patterns to support adoption; collaborated with product, UX, and engineering teams to define requirements and API contracts.

Senior Software Engineer (UI) | OneTrust

Dec 2020 – Mar 2023

Bengaluru, India

- Published a shared Angular library as versioned npm packages adopted across 6 product modules, reducing duplicate UI code and supporting migration toward micro frontend architecture.
- Developed accessible, responsive components using Angular, TypeScript, HTML, and CSS, incorporating WCAG 2.1 AA requirements, lazy loading, and virtual scrolling.
- Automated unit and integration testing with Cypress, Karma, and Jasmine and incorporated SonarQube checks into continuous integration.
- Integrated REST APIs and JSON data contracts with backend engineers; maintained routing and package upgrades for consistent behavior across product modules.

Software Engineer | Baker Hughes

Aug 2018 – Nov 2020

Bengaluru, India

- Built React and Angular dashboard components processing time-series data for approximately 200 operations staff daily, using backend-managed JSON contracts to display operational data consistently.
- Developed D3.js and Plotly visualizations for time-series dashboards; reduced unnecessary chart re-renders through JSON processing and incoming-data throttling.
- Standardized REST API contracts and JSON schemas with backend teams, reducing API integration bugs and improving integration consistency across operational dashboards.

Software Engineer | Time Inc.**Apr 2017 – Aug 2018***Bengaluru, India*

- Migrated a legacy Silverlight administration interface to Angular and Kendo UI, using lazy loading, virtual scrolling, and route-level component caching to improve performance.
- Developed responsive SCSS layouts and shared UI patterns while mentoring a junior frontend developer on Angular implementation and component reuse.

Software Engineer | Mphasis | Client: Schneider Electric**Jun 2016 – Apr 2017***Bengaluru, India*

- Developed a region-aware AngularJS product configuration application supporting global product rules and backend-managed record locking through REST APIs.
- Improved page-load performance by approximately 30% through sprite sheets, lazy loading, asset optimization, and resource-loading changes.
- Increased unit test coverage from 30% to 80% using Karma and Jasmine.

Software Engineer | Spire Technologies**Dec 2015 – Jun 2016***Bengaluru, India*

- Built interactive D3.js visualizations of skill relationships to help recruiters compare related skills and assess candidate matches.
- Implemented the recruiter search and evaluation interface for Tag Automation, presenting candidate skill information for manual review.

Software Engineer | Edcite Learning**Dec 2013 – Jun 2015***Bengaluru, India*

- Designed and maintained 5+ assessment components for teacher authoring and student assessments in collaboration with product and design teams.
- Implemented drag-and-drop, graph manipulation, live preview, and validation features using JavaScript and jQuery.

PROJECTS

**Portfolio / Micro Frontend Demo
2026****Tech Stack:** Next.js, Web Components, JavaScript, CSS

- Built and deployed a responsive Next.js portfolio demonstrating a micro frontend approach.
- Integrated isolated micro frontends using Web Component selectors, external scripts, and CSS.
- Created a deployed portfolio showcasing frontend development and micro frontend architecture.

Live: siddivinayakadev.netlify.app/en | **Repository:** github.com/svinayaka/siddi-vinayaka.dev**EDUCATION**

Diploma in Computer Science | SNM Polytechnic | Moodbidri, Karnataka | 2011**CERTIFICATIONS**

- CutShort Certified JavaScript - Advanced | CutShort | January 2020
- Designing Websites for Performance | LinkedIn Learning | July 2019
- Learning Functional Programming with JavaScript | LinkedIn Learning | August 2018