

Rajasekar V

Senior UI Engineer | UX Engineer

Enterprise UI Architecture | Frontend Engineering | UX Workflow Design

Enterprise UI Systems | Workflow-Driven Applications | Data-Heavy Interfaces

✦ Bangalore, India (Remote Preferred)

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🌐 **Portfolio:** www.rajasekarv.com
(Case studies & enterprise UI work)

Professional Summary

Senior UI Engineer with 16+ years of experience designing and building enterprise-grade web applications across complex workflow-driven platforms.

Specialized in translating complex business workflows into scalable, maintainable, and user-friendly interface systems through a combination of UX design thinking and frontend engineering expertise.

Strong background in enterprise UI architecture, responsive design systems, and large-scale data-driven interfaces used across global enterprise applications.

Open to Senior UI Engineer, Frontend Engineer, and Enterprise UX-focused roles in Bangalore, Chennai, or remote environments.

Core Expertise

- Enterprise UI Architecture
- UX Workflow & Interaction Design
- Data-Heavy Interface Design
- Responsive UI Development
- Component-Based UI Systems
- Cross-Browser & Performance Optimization
- Design-to-Code Implementation
- Accessibility & Usability Optimization

Technologies & Tools

- **Frontend Development**
HTML5, CSS3, Bootstrap, JavaScript (ES6), jQuery, SASS / LESS
- **UX & Design**
Figma, Adobe XD, Wireframing, Interaction Design, Workflow Mapping
- **Development Practices**
Git, Responsive Design, Cross-Browser Testing, Performance Optimization, W3C Validation
- **Accessibility & Standards**
WCAG / ADA Accessibility, Usability Testing

Professional Experience

- **Design Tools**
Adobe Photoshop, Illustrator
- **Project & Workflow Tools**
Agile, Scrum, Jira

UX Lead **Nous Infosolutions LLP | Sep 2017 – Sep 2025**

Led UX design and frontend UI development for multiple enterprise scale applications across engineering, education, and business platforms.

- Delivered enterprise interfaces supporting large-scale data workflows used by global clients
- Designed complex workflow-driven enterprise interfaces and dashboards
- Developed responsive UI systems using HTML5, CSS3, JavaScript, Bootstrap, and jQuery
- Translated UX wireframes and prototypes into production-ready frontend implementations
- Collaborated with UX researchers, product managers, and development teams
- Ensured accessibility compliance, cross-browser compatibility, and performance optimization
- Contributed to reusable UI components and scalable design systems

Sr. Web Designer **JSA Web Solutions | Mar 2014 – Feb 2017**

- Designed and developed responsive websites and UI systems
 - Led UI design strategy including layout architecture and interaction design
 - Implemented cross-browser compatible HTML/CSS interfaces
 - Collaborated with designers, developers, and content teams to deliver high-quality digital products
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Web Designer (Freelancer)
Independent Projects | Jan 2010 – Mar 2014

- Created UI layouts and wireframes for web applications
- Developed structured HTML/CSS templates
- Improved usability and layout performance based on client feedback

Web Designer
Binarch Info Solution | Apr 2009 – Jan 2010

- Created UI layouts and wireframes for web applications
- Developed structured HTML/CSS templates
- Improved usability and layout performance based on client feedback

Junior Web Designer
Boolean Softwares | Mar 2008 – Apr 2009

- Designed web layouts, logos, and UI elements using Photoshop
- Converted design mockups into HTML/CSS pages
- Integrated UI with CMS systems and implemented interactive elements using JavaScript/jQuery

**Selected Enterprise
Projects**

Rediker AdminPlus – Education ERP Platform
Role: Senior UI Engineer

- Designed and developed multiple enterprise UI modules
- Built scalable frontend components for large data management systems
- Implemented responsive UI structures for administrative workflows

Hilti Firestop Selector – Engineering Platform
Role: UX Designer

- Designed workflow architecture for complex product selection system
 - Created wireframes and interaction models for advanced search and filtering systems
 - Collaborated with development teams to refine UI and improve usability
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Long and Foster – Real Estate Platform

Role: UX Designer & UI Developer

- Designed user workflows, wireframes, and interface layouts for real estate management platforms
- Developed responsive UI components for web and mobile applications
- Implemented production-ready interfaces using HTML, CSS, and PrimeNG
- Worked closely with product and engineering teams to ensure accurate UX implementation

HealthCode – Healthcare Platform

Role: UI Developer

- Converted UX designs into responsive UI layouts
- Resolved cross-browser UI issues and optimized UI performance

Certifications

- **How to Design for Accessibility for UX Designers WCAG 2.2**
Udemy
- **"AI for All" program** - Digital India

Awards & Recognition

- **8x Snap Award** – Nous Infosolutions LLP
- **1x Ace Award** – Nous Infosolutions LLP
- **1x Special Appreciation Award** – Nous Infosolutions LLP

Education

- **M.Sc. in Computer Science**
St. Joseph's College (Autonomous), Trichy
2005–2007
Aggregate: 72.13%

Languages Known

- Tamil, English
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