

RAMYA RAJENDIRAN

UI/UX Designer & Developer

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Passionate UI/UX Designer with an engineering background, dedicated to crafting aesthetic designs and cultivating meaningful connections through inspiring user experiences. Specializes in User Interface, User-centric, and User Experience Design, with proficiency in Visual Design and various design tools. Experienced in diverse product realms, including mobile, web, Component Libraries Design Systems, eCommerce, B2C, and B2B. Highly skilled in creating intuitive designs and interactive prototypes to establish and validate product direction.

SKILLS AND COMPETENCIES

- **Design Tools:** Figma, Adobe XD, Sketch, Illustrator, Photoshop, Lightroom, Invision, InDesign, Zeplin, WordPress, Procreate, Canva.
- **Design Skills:** Design Pattern, User Research, Wireframing & Prototyping, Interaction Design, Information Architecture, Usability Testing, Visual Design, Design Systems, Adobe Creative Suite, Typography.
- **Development:** Angular 17, ReactJS, Ionic, HTML, CSS, SASS, SCSS, Typescript, JavaScript, Bootstrap, jQuery, NodeJS, Java, J2EE, Python, REST API, HTTP, AJAX, JSON, SOAP.
- **Tools & Platforms:** JIRA, DevOps, GitHub, Visual Studio Code, Postman, Tomcat, Jenkins, Miro, PaaS, SaaS.

WORK EXPERIENCE

Senior Software Engineer - UI/UX Designer & Developer | Wipro Technologies, India **Dec 2020 – May 2022**

- Revitalized Wipro's official website through meticulous design and development using Adobe XD and Angular, championing accessibility standards, and implementing responsive design for an enhanced user experience.
- Created a mobile facility management app utilizing Sketch and Figma. Prioritized intuitive interfaces, fostering a seamless user design experience, and promoting collaboration across cross-functional teams.
- Optimized a logistics company's website using Figma and Angular, implementing lazy loading to achieve a 20% faster load time and 100% accessibility compliance, while significantly improving performance to ensure a seamless user experience aligned with strategic business goals.
- Used style guides and implemented a design system to create a consistent and visually appealing user interface for the company web applications, streamlining the development process and resulting in a 15% reduction in time-to-market for new features.
- Conducted usability testing, gathered feedback, and implemented iterative design improvements to enhance the user experience. Proficient in the entire user-centered/UI design process, actively participating in research, interviews, prototype mock-ups, sitemaps and collaborative implementation.
- Proficient in generating low and high-fidelity renderings and interactive prototypes, transforming project vision into actionable solutions.
- Specialized in responsive design, crafting a single isomorphic website for seamless rendering across desktops, tablets, and mobile devices while maintaining WCAG 2.0 compliance. Documented technical details and process flows to support future maintenance and support efforts.
- Successfully delivered top-tier UX design solutions, covering wireframes, visual designs, flow diagrams, storyboards, site maps, and prototypes through Design Thinking methodologies.
- Collaborated with clients to translate business goals and user needs into effective design solutions, seamlessly integrating design concepts within cross-functional teams, including developers and product managers.

Front End Developer | Wipro Technologies, India

Dec 2016 – Nov 2020

- Developed and maintained internal applications in ReactJS, aligning with organizational needs, leading to a 40% increase in application performance.
- Demonstrated proficiency by successfully converting a ReactJS project into an Angular project, highlighting adaptability and versatility in front-end development technologies.
- Exhibited deep expertise in single-page application (SPA) development using Angular.
- Utilized Adobe XD, Figma, and Sketch to design applications, demonstrating adeptness in UI/UX design standards and Principles of Design, and proficiency with industry-standard design tools, showcasing strong Critical Thinking Skills.
- Exhibited expert proficiency in using various UX tools to understand customer needs and translate them into intuitive, browser compatibility interfaces, utilizing Information Design principles to enhance user understanding and engagement across all projects.
- Created a facility management app for iOS and Android using the Ionic framework, leading to a 30% reduction in development time through Optimization Techniques and adherence to Web Standards.
- Applied knowledge of CI/CD best practices and tools for improving and maintaining performance and code quality within an Agile Product Development framework, ensuring seamless Information Flow.
- Ensured the creation of user-facing visual interfaces adhering to responsive design principles and implemented a scalable and reusable architecture for front-end components meeting WCAG guidelines.
- Implemented QA methodologies for rigorous user testing and validation of UI/UX designs, including A/B testing, to optimize user interface designs and enhance overall customer satisfaction.
- Proficient in all phases of the SDLC, covering product requirement analysis, implementation, and maintenance. Demonstrates extensive expertise in AGILE and SCRUM methodologies.

CERTIFICATIONS

Web Development Bootcamp | Udemy

Apr 2024 - May 2024

- Completion of the Web Development Bootcamp equipped me with a comprehensive foundation in web development, encompassing HTML, CSS, JavaScript, Node.js, React, PostgreSQL, Web3 and DApps.

Google UX Design Certification | Coursera

Nov 2022 - Jun 2023

- Successfully completed the 7-month program, obtaining 7 certifications: Foundations of UX Design, UX Design Process, Build Wireframes and Low-Fidelity Prototypes, Conduct UX Research, Create High-Fidelity Prototypes, Responsive Web Design, Design a User Experience for Social Good.
- By completing the program, I developed a portfolio of UI/UX case studies that demonstrated my mastery of UX design principles and my ability to apply them effectively.

UI/UX Design Certification | Udemy

Dec 2023 - Jan 2023

- Completed a one-month certificate program, acquiring comprehensive skills in UI/UX design, including mastery of wireframing, prototyping techniques, and creating user-centric digital experiences.

EDUCATION

Master's in Software Engineering - BITS Pilani University, India

2016 - 2020

Bachelor's in Computer Science - Bharathiar University, India

2013 – 2016

Diploma in Web Designing(Part-time) - Bharathiar University, India

2014 – 2015