

RAMKUMAR MANI

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Portfolio URL: <https://frontend-expert-member.github.io/portfolio-ramkumar-mani/>

Accomplished Senior Frontend Lead with 17+ years of extensive experience in the IT industry, specializing in designing and implementing innovative and scalable user interfaces. Proficient in leading cross-functional teams to deliver high-quality software solutions. Expert in modern front-end technologies including HTML5, CSS3, JavaScript, React, Angular, and Vue.js. Adept at optimizing performance, enhancing user experience, and maintaining robust code quality through best practices and cutting-edge tools. Demonstrated ability to drive projects from conception to completion, ensuring alignment with business objectives and user needs. Committed to continuous learning and staying updated with emerging trends and technologies to maintain a competitive edge.

- 17+ years of experience designing and implementing Enterprise applications. Client/Server applications, Database Driven Web based applications, UI Development, and architecture.
- Liaise with design, development, and production team to ensure optimal user experience (UX).
- Strong web development skills with HTML5, CSS (2/3), XHTML, JavaScript, and design frameworks like NextJS, React, Redux, Node JS, express.js and JSON for developing the single page application (SPA).
- Involved in implementing the complete Application in the in-build MVC architecture with ReactJS and NextJS.
- Having hands-on experience with unit testing like Jest, Karma and React testing library.
- Good experience with implementing restful APIs on the Web application.
- Worked extensively in Agile Development process.
- Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and get tested well enough before it can make it to production.
- Excellent working knowledge and thorough exposure on cross browser / cross device compatibility, with emphasis on Responsive Design principles and Interactive Web Design form.
- Worked in various version control systems – SVN, GIT, Bitbucket, GitHub Enterprise.
- Having good exposure to AzureDevOps workflows.

Work Experience:

07/2023 – 07/2024	Senior Frontend Developer (ReactJS/NextJS/NodeJS) KonnectingTree Pvt Ltd, Remote (India).
07/2022 – 02/2023	Senior Software Engineer (React Developer) Remote Infosystems Ltd, Remote (India).
2017 – 2022	Technology Expert – UI (Angular/React Developer) ARHS Developments Belgium, Brussels.
2015 – 2017	Team Lead UI Hexaware Technologies Limited, Chennai City, India.
2012 – 2015	Associate – Projects (Senior Interactive Developer) Cognizant Technology Solutions Pvt. Ltd, Chennai City, India.
2008 – 2012	Senior Web Developer Mphasis an HP Company, Bengaluru City, India.
2008 – 2008	Software Developer Zapak Digital Entertainment Ltd, Bengaluru City, India.
2007 – 2008	Web Developer Hysis Technologies, Bengaluru City, India.

Education Details:

2002 – 2005	Master's degree in computer application (MCA) , Percentage 73% Anna University, Chennai City, India.
1999 – 2002	Bachelor's degree in computer science (B.sc [C.S]) , Percentage 78% Bharathidasan University, Tiruchirappalli, India.
1997 – 1999	Shri Venkateshwara Matriculation School, Thanjavur, Score 63% Rajah's Govt. Higher Secondary School, Thanjavur, Score 62%.

Assessment of Knowledge:

+ Basic Knowledge, ++ Very good knowledge, +++ Advanced Skills

SKILL	Knowledge	Level	Application in Years
Technologies	HTML (5) /CSS3	+++	9
JavaScript Libraries / Frameworks	NextJS v13+	+++	5
	ES6/7	++	6
	Node.js	+++	7
	RESTful API	+++	5
	ReactJS v17+	+++	6
	React Native	++	5
CSS Frameworks	Bootstrap 5+	+++	7
Cloud Platform	Azure Cloud	++	4
	Azure DevOps	+++	6
Database Management	MySQL	++	5
Web Design Approach	Responsive Web Design	+++	8
CI/CD Activity	Docker	++	6
Bug Ticketing System	JIRA	+++	8
SVN Tools	Git, Bit bucket	+++	8

Project Details:

Project Name	1	LegrandAV (E-commerce Application)
Role		Lead UI Developer
URL		https://www.legrandav.com
Tasks		Developed entire application components as well as individual applications, working on the entire process of web development, including planning, designing/developing, troubleshooting, debugging, and implementing software code for web components.
Technologies		NextJS v13+, React v17+, Redux, VueJS, NextJS, HTML5, SASS, NodeJS

Curriculum Vitae

Tools Visual Studio2022, Microsoft Visual Studio Code

Roles

- ❖ Lead the design and architecture of the front-end system, ensuring it aligns with overall project goals.
- ❖ Serve as the go-to expert for front-end technologies, frameworks, and best practices.
- ❖ Guide and mentor front-end developers, ensuring they adhere to design principles and coding standards.
- ❖ Work closely with backend developers, UX/UI designers, product managers, and other stakeholders to deliver a cohesive product.
- ❖ Ensure the front-end code is of high quality, scalable, and maintainable through code reviews and testing.

Responsibilities

- ❖ Define and document the overall frontend architecture, including component structures, state management, and integration points.
- ❖ Communicate effectively with product managers and other stakeholders to understand requirements and translate them into technical specifications.
- ❖ Choose appropriate frameworks, libraries, and tools that fit the project requirements.
- ❖ Design scalable and maintainable code structures and patterns.
- ❖ Provide technical guidance and support to the front-end development team.
- ❖ Conduct regular code reviews to ensure code quality and adherence to best practices.
- ❖ Work closely with backend developers to define APIs and data contracts.

Project Model Agile Methodology (Scrum Model)

Bug Tracking Tool JIRA

Source Code Version Git, Azure (CI/CD Pipeline activities)

Project Name 2 **Sam's club** (Sam's Transportation)

Role Technical Lead Developer

URL <https://www.samsclub.com>

Curriculum Vitae

Tasks	Developed entire application components as well as individual applications, working on the entire process of web development, including planning, designing/developing, troubleshooting, debugging, and implementing software code for web components.
Technologies	React V17+, Redux, RxJS, ES6/7, Jest, GraphQL (Apollo Client)
Tools	Web Storm IDE, Microsoft Visual Studio Code
Responsibilities	<ul style="list-style-type: none"> ❖ Reviewing application requirements and interface designs. ❖ Identifying web-based user interactions. ❖ Create web pages and components using and react template based on design. ❖ Developing and implementing highly responsive user interface components using react concepts. ❖ Writing application interface codes using JavaScript following react.js workflows.
Project Model	Agile Methodology (Scrum Model)
Bug Tracking Tool	JIRA
Source Code Version	Bit bucket, Git
Project Name 3	Zipinmail (Digital Mailbox)
Role	Technical Lead UI
URL	https://www.zipinmail.com
Tasks	Developed entire application components as well as individual applications, working on the entire process of web development, including planning, designing/developing, troubleshooting, debugging, and implementing software code for website components.
Technologies	React v16+, Redux, React Hook Form, ES6/7, Jest Unit test.
Tools	Web Storm IDE, Microsoft Visual Studio Code, IntelliJ IDEA
Responsibilities	

- ❖ Reviewing application requirements and interface designs.
- ❖ Identifying web-based user interactions.
- ❖ Create web pages and components using and react template based on design.
- ❖ Developing and implementing highly responsive user interface components using react concepts.
- ❖ Writing application interface codes using JavaScript following react.js workflows.

Project Model Agile Methodology (Scrum Model)

Bug Tracking Tool JIRA

Source Code Version Bit bucket, Git

Project Name 4 **Funding and Tender Opportunities** (European Commission)

Period 07/17 – 03/2022

Location Brussels, Belgium

Role Technology Expert Level 5 - UI

Tasks Developed entire application components as well as individual applications, working on the entire process of web development, including planning, designing/developing, troubleshooting, debugging, and implementing software code for website components.

Technologies NodeJS, React v16+, Redux, RxJS, HTML5, CSS3, RWD, eUI Framework (European Commission), React UI Components

Tools Web Storm IDE, Microsoft Visual Studio Code, IntelliJ IDEA

Responsibilities

- ❖ Collaborating with Business Analysts and Back End Developers in scrum-based development through our use of agile development methodologies.
- ❖ Optimize website performance using the latest technology.
- ❖ Create web pages and components using and react based on design.

Curriculum Vitae

- ❖ Create documents and specifications for functional requirements.
- ❖ Aid the bank-end developers in troubleshooting on UI issues.

Project Model Agile Methodology (Scrum Model)

Bug Tracking Tool JIRA

Source Code Version Bit bucket, Git

Project Name 5 **Discover E-Commerce (Discover Financial Services)**

Period 04/12 – 05/17

Role Senior Frontend Developer

Tasks Developed entire application components as well as individual applications, working on the entire process of web development, including planning, designing/developing, troubleshooting, debugging, and implementing software code for website components.

Technologies HTML5, CSS3, JavaScript, jQuery, jQuery UI plug-in, RWD, MySQL

Tools Notepad++, Sublime Text 3, Dreamweaver CS 6

Responsibilities

- ❖ Collaborating with Information Architects, Designers and Back End Developers in scrum-based development through our use of agile development methodologies.
- ❖ Optimize website performance using the latest technology.
- ❖ Maintain consistency in design and layout.
- ❖ Write web pages using a combination of markup languages.
- ❖ Create documents and specifications for functional requirements.
- ❖ Develop prototypes and high-quality mock-ups.
- ❖ Aid the bank-end developers in troubleshooting and coding.
- ❖ Verifying the Database queries based on the use case.

Project Model Agile Methodology (Scrum Model)

Bug Tracking Tool Zendesk