VIJAY MANOHARAN

Full-stack Developer
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Skilled Full-stack developer with around 5+ years of experience in web development, specializing in designing, developing, and testing web applications using multiple frontend frameworks. Created applications that seamlessly blend creativity and problem-solving. Passionate about delivering user-focused solutions, having the ultimate goal to contribute innovative designs that enhance the user experience. Proficient in ReactJS, React Native, Angular 10+, VueJS, Figma, NodeJS, Spring Boot, Oracle PL/SQL, and Oracle POS.

SKILLS

SDLC • SPA • UI/UX • Object-Oriented Programming • SOLID • Containerization • AWS • SEO • Oracle POS

Languages: JavaScript, TypeScript, Java
Web: HTML, CSS, SASS, Tailwind, Bootstrap 5, Material UI, AG Grid, Ant Design, Redux, Vuex
Cloud Platform: Heroku, Netlify, AWS (EC2, S3), GCP (google cloud platform),
Web Services: REST, JSON
Web/App Servers: Apache
Frameworks: React JS, React Native, Angular 10+, Vue JS, Node JS, RedWood JS, Express JS
Databases: MongoDB, MySQL, PostgreSQL
Design Patterns: Prototype, Singleton
Tools: VS code, IntelliJ, Eclipse, JIRA, Docker, Star UML, Postman, adobe XD, Figma, GitHub, Bitbucket, Oracle POS
Library: Flex-monster, Pub-nub, chart.js, Docker, Three.js, d3.js, Passport.js, etc.,

ACADEMIC PROJECT

Movie Info (2024): Developed a movie info website which shows list of trending movies and TV-series. Also provide specific details of the movie.
Technologies Used: React JS, Tailwind CSS, Tailwind CSS, TMDB api.

Maharishi International University (2024) Mini Property Management System: Developer-focused property management system with role-based access control using React and Spring Boot.
Technologies Used: Spring Boot, React JS, Tailwind CSS.

Maharishi International University (2024) Electronic Badge Scanner System: Develop an electronic badge scanner system with Spring Boot, Hibernate, MySQL, and Google OAuth for comprehensive security features.
Technologies Used: Spring Boot, Hibernate, MySQL, Google OAuth, React JS.

PROFESSIONAL EXPERIENCE

SISA INFORMATION SECURITY PVT. LTD., **Bengaluru, India**   September 2022 – July 2023
SISA is a forensics-driven cybersecurity company that provides security solutions to businesses.
Senior Associate Developer
Played a pivotal role in the development and implementation of the SISA Assistant project, taking charge of role-based management and contributing to various modules and dashboard pages.

- Engineered a comprehensive UI architecture with reusable components and a centralized service layer, reducing development time by 30%.
- Created a responsive UI wireframe tailored for optimal business performance and effortless client accessibility, prioritizing user-centric design principles.
- Improved service quality, boosting client satisfaction scores by over 40%, while also doubling client acquisition rates post-migration.
- Developed reusable components strategically to optimize application performance, reducing redundancy and enhancing overall efficiency.
- Developed a dynamic, reusable form component that generates application forms in Angular 15.

Technologies Used: TypeScript, Angular, Chart JS, ASP.Net, Material UI, AG Grid, Ant Design, GCP, React Native, Unit test, React JS.

SONICWALL, Bengaluru, India   June 2022 – August 2022
Cybersecurity company

Software Development Engineer
Optimized UI development, implemented lazy loading, and ensured secure handling of data.
- Implemented lazy loading in Vue.js to enhance application performance by dynamically loading components and resources as needed, optimizing user experience through efficient resource utilization.
- Implemented role-based security measures in Vue.js web UI development, ensuring access control and data protection based on user roles, thus enhancing application security and user experience.

Technologies Used: JavaScript, Vue JS, Node JS.

DIATOZ SOLUTIONS PRIVATE LIMITED, Bengaluru, India   June 2019 – May 2022
DIATOZ (Digital A to Z Solutions), is the fastest-growing bootstrapped technology company.

Senior Software Development Engineer
 Built Front-end web applications using frameworks.
- Engineered new features within a critical application using ReactJS, Vue JS, Angular, and NodeJS in heightened client satisfaction and application enhancement.
- I have work experience and a good understanding of Oracle POS, which has equipped me with valuable insights into point-of-sale systems.
- Successfully developed a Vue JS project and seamlessly integrated FlexMonster, a powerful data visualization tool, to efficiently manage and display datasets exceeding 100,000 records.
- Implemented Pub-Nub, a real-time communication platform in ReactJS applcation, to facilitate live chat functionality between two customers, enhancing the interactive experience within the application.
- Promoted to Senior Software Development Engineer on June 2020, recognizing continued growth and contributions in that role.
- Served as a Scrum Master, actively engaging with the team members to address their blockers and facilitate a smooth development process, ensuring streamlined task management and timely project deliveries.
- Successfully developed a live chatbot utilizing ReactJS, integrated with Google OAuth for authentication and Dialog flow for NLP (natural language processing), achieving conversational interactions within the application.

Technologies Used: JavaScript, TypeScript, React JS, React Native, Vue JS, Angular, Node JS, Redux, Oracle POS, Oracle PL/SQL, Vuex, Unit test, integration Testing, Jenkins, AWS(EC2, S3), Google Cloud(IAM), Spring Boot.

INTERNSHIP EXPERIENCE

IExemplar Software India Pvt Ltd, Coimbatore, India   January 2019 – April 2019

Junior Web Developer
Applied knowledge of JavaScript and Object-Oriented Programming to create successful web pages.
Technologies Used: ReactJS

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 04/2026)
Maharishi International University, Fairfield, Iowa

Key Courses: Web Application Programming, Artificial Intelligence, Web Application Architecture, Enterprise Architecture

CERTIFICATION

Agile Project Management: I learned how to effectively implement Agile project management principles, focusing on values and principles, Scrum pillars, and essential Scrum events.

Jenkins CI/CD: I learned how to use Jenkins for project automation, including installation, job configuration, and artifact management. I also explored advanced features like integrating SCM repositories, using parameters and schedules, and creating pipelines from code.