

LAKSHMI EU

Digital Analyst

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PROFILE

Web Developer / Front-End Developer / Digital Analyst with 3+ years of experience in building responsive web applications and interactive user interfaces using React.js, Next.js, and TypeScript. Proven track record of delivering scalable, high-performance solutions that optimize performance, SEO, and user engagement. Skilled in UI/UX design, front-end data visualization, and translating design mockups into functional, user-centric applications. Experienced with AI-driven technologies in the oil & gas domain, with a passion for writing clean, efficient code that ensures top-tier performance and excellent user experience.

SKILLS

- **Languages:** JavaScript (ES6), TypeScript, Python(basics)
- **Frameworks:** React JS, Next JS, Angular JS
- **State Management Libraries:** Redux, React Query, RTK Query
- **UI & Styling:** HTML5, CSS3, SCSS, Tailwind CSS, Bootstrap 5, Material UI, Next UI, Ant Design
- **API & Web Services:** REST APIs, API Integration, Postman
- **CRM & Product Development:** CRM Systems, Lead Management
- **Version Control:** Git, Bitbucket, Gitlab
- **AI / ML (Basic Exposure):** Computer Vision (YOLO), Chatbots (RASA), Generative AI / LLM
- **Development Tools:** Visual Studio Code, Webpack, Babel

WORK EXPERIENCE

Digital Analyst – Rejlers International Engineering Solutions – Abu Dhabi, UAE (March 2025 - Present)

- Led front-end visualization for all projects, developing React.js dashboards with REST API integration for QHSE, ADRS, and AI analytics, real-time insights and reporting
- Integrated **SharePoint Excel** live data with organizational **QHSE dashboard** for real-time safety, quality, and compliance KPI visibility
- Developed and maintained **computer vision datasets using (Roboflow)**, performing annotation and quality validation of **P&ID diagrams** in alignment with client specifications and industry standards.
- Collaborated closely with process engineering, HSE, and project teams to ensure accurate data classification and compliance with **oil & gas** safety and operational requirements.
- Designed and supported AI-driven **QHSE compliance and governance** frameworks, aligning with NIST Risk Management Framework (RMF), risk assessment, and UAE regulatory requirements.

Front-End Engineer – Kapreign Pvt Ltd – Angamaly, India (July 2024 – January 2025)

- Developed scalable and responsive web applications using React.js with seamless API integration.
- Collaborated with clients, including UAE-based ones, to define project requirements and deliver timely, high-quality solutions.

React Developer, Maple Tech Space Pvt Ltd, Thrissur, India (August 2023 - April 2024)

- Developed responsive real estate web applications using React.js, TypeScript, and Next.js, integrating RESTful APIs and converting Figma designs into user-friendly property listing interfaces.
- Built a comprehensive property platform for buying, selling, and renting residential and commercial properties in Canada, featuring advanced filters for price, location, bedrooms, bathrooms, and property type
- Optimized website performance for real estate listings to comply with Core Web Vitals v2 standards, ensuring faster load times and better SEO for property search.

- Designed engaging landing pages for pre-construction developments, open house events, and real estate marketing campaigns.
- Developed dynamic websites for Canadian Home Realtors, supporting daily blog content.
- Developed a comprehensive CRM system for lead management and historical data tracking.
- Created customizable email templates for streamlined communication
- Improved application **lighthouse scores and page performance** through **lazy loading and code-splitting technique**

Front-End Engineer, Bluehour Technologies Pvt Ltd, Kochi, India (April 2022 - April 2023)

- Created interactive UI components using React.js, JavaScript, and TypeScript.
- Developed a canvas-based image editing tool with Konva.js for resizing, rotating, and text customization.
- Integrated AI-powered features like auto-enhance, auto-position, and auto-description
- Contributed to building the Admin Dashboard of the Bluehour App

Web Developer Intern, Luminar Techno Lab Pvt Ltd, Kochi, India (December 2021 - April 2022)

- Built responsive websites using React, JavaScript, and Bootstrap.
- Developed a MEAN stack banking application with MongoDB, Express.js, Angular, and Node.js.

PROJECTS

- **ADRS - Autonomous Engineering Deliverable Review System (ADNOC Project):** Developed clean, user-friendly UI for engineering drawing (P&ID) reviews and created Roboflow datasets supporting AI-based defect detection, reducing manual review time from 4,6 hours to 3-5 minutes (90% savings) for ADNOC project.
- **QHSE Dashboard:** Integrated **SharePoint Excel** live data with organizational **QHSE dashboard** for real-time safety, quality, and compliance KPI visibility.
- **The Canadian Home:** Developed a real estate listing platform with advanced property search filters (price, city, bedrooms, etc.), optimized for Core Web Vitals (CWV) v2 compliance. Created a custom CRM system for lead management, along with dynamic realtor websites and engaging landing pages for events and preconstruction properties.
- **Bluehour Product Image Editing:** Built an image editing tool with Konva.js, featuring interactive resizing, rotation, and text customization, along with AI-powered enhancements. Also developed the admin dashboard for the Bluehour app.
- **Luxury Voyage Wellness:** built a static hotel booking website for an Ayurvedic wellness platform.
- **Quoro Holidays:** Developed a static travel agency website using HTML, CSS, and React (LVW) for listing services and travel packages.

CERTIFICATION

MEARN Stack Web Development Course - NACTET Certified

EDUCATION

Master of Science in Computer Science, 2019

CCSIT Calicut University Campus, Kerala, India

Bachelor of Science in Physics, 2017

Sacred Heart collage Chalakudy, Kerala, India

LANGUAGES

English | Malayalam | Tamil | Hindi

PERSONAL DETAILS

Full Name (as per Passport): Lakshmi Erimmal Unnikrishnan

Nationality: Indian