MURALIDHARAN.M

FRONT END DEVELOPER | UI DEVELOPER | REACT DEVELOPER |
Automation Developer (n8n) | Gen AI Developer | AI Integration (Gemini)

📞 +91 8667354298.
✉️ muralinot6@gmail.com.
📍 Salem, Tamil Nadu, India.

A seasoned Front-End Developer with over 6+ years of experience in building scalable, user-friendly web applications and leading frontend teams in dynamic, fast-paced environments. Proficient in HTML, CSS, SASS, JavaScript, and React.js, with a strong focus on delivering exceptional user experiences.

In addition to frontend development, I specialize in automation and AI-driven development, utilizing tools like n8n for workflow automation and Gemini AI to enhance application efficiency. My expertise extends to AWS cloud deployment, enabling me to manage end-to-end development and deployment processes.

I thrive in startup environments where innovation, problem-solving, and collaboration drive business growth.

EXPERIENCE

Yenmin Communications PVT
2019 – Current Date

Frontend Developer
Role: Team

★ Led and mentored a team of frontend developers, ensuring best practices for scalable, performant, and accessible web applications.

★ Designed and implemented user interfaces using React.js, Redux, and SASS, enhancing application performance and user engagement.

★ Optimized workflow automation using tools like n8n, significantly increasing team productivity.

★ Incorporated AI-driven solutions via Gemini AI to enhance app intelligence and optimize user interactions.

★ Collaborated with cross-functional teams to align on project goals, ensuring timely delivery of high-quality products.

★ Took on the role of mentoring and training, providing guidance to junior developers and team members. Shared knowledge and expertise to cultivate a skilled and cohesive development team.

SKILLS

Programming Language

- React js
- Redux
- JavaScript
- SASS
- TailwindCss
- CSS
- Bootstrap
- Bootstrap
- Nodejs (Basic)
- Next.js
- Webpack

Automation

- n8n

AI Tools

- Gen AI developer
- Gemini
- AI Integration app

CI/CD

- Git

EDUCATION

MCA - Jamal Mohammed college (2016 - 2019).
Trichy.

PROJECTS

Speed Tread
React web application

Developed a web-based application to manage **financial transactions, currency conversions, and training workflows** for users across **multiple time zones**. Designed to support **role-based access control**, allowing different user roles to access specific screens, modules, and features. Enabled seamless usage by global users, handling **time-zone differences and real-time data consistency**.

Responsibility:

o Designed and developed the **frontend UI using React.js**, ensuring usability across regions and time zones.
o Implemented **API integration** to support transaction processing, currency conversion, and training data management.
o Built **role-based access control (RBAC)**, restricting screens and features based on user roles.
o Led and coordinated **Frontend, Backend, and QA teams**, ensuring smooth collaboration and timely delivery.
o Planned and delivered **sprint tasks**, collected QA feedback, and resolved issues aligned with release timelines.
o Provided **production support**, quickly addressing live issues and ensuring system stability.
o Collaborated with **DevOps teams** to support deployments across **development, staging, and production environments**.
o Contributed to **AWS-based deployments**, supporting scalability and reliability.

Techniques and tools:
o **Frontend:** React.js
o **Backend:** API integration (service-based architecture)
o **Access Control:** Role-based access management
o **Cloud & DevOps:** AWS, CI/CD, Dev/Staging/Production deployments
o **Collaboration:** Agile, Sprint planning, QA coordination

CyberSafe Advisor
Next and AI web application

Built an AI-driven web application that helps individuals who face **cyber scams or online incidents** and are unsure about the **next steps to take**. Provides users with **step-by-step guidance** on incident response, prevention of future attacks, and **how to report cyber crimes**. Includes **sample FIR (First Information Report) formats** and official reporting guidance to support users during real-world cyber incidents.

Responsibility:

o Designed and developed the **frontend application using Next.js**, ensuring a user-friendly and accessible experience.
o Integrated the application with **Gemini AI models** to generate contextual, real-time advice based on the user's reported issue.
o Built AI interaction flows to provide: Recommended **next actions, Preventive measures to avoid future incidents, Guidance on legal reporting procedures**
o Owned **frontend architecture, UI development, and AI model integration**.
o Led **testing, debugging, and issue resolution** to ensure reliability and accuracy of AI-generated responses.

- o Designed the **end-to-end technical architecture**, enabling scalable and modular AI pipelines for real-time content analysis.
- o Led **deployment and delivery**, aligning technical outcomes with stakeholder and industry-specific requirements.
- o Delivered a high-impact solution supporting **digital trust, misinformation prevention, and cyber safety** across multiple sectors.

Techniques and tools:
- o **Frontend**: Next.js, TypeScript, TailwindCSS.
- o **AI**: Gemini AI via Google Genkit.
- o **Architecture:**: Modular AI pipelines, scalable frontend architecture

Multi-Content AI Detection Platform
Next and AI web application

Built a powerful AI-driven platform that detects and verifies the authenticity of multiple content types—including text, images, and videos—to support industries such as media, marketing, education, cybersecurity, and HR. The platform was developed using Next

Responsibility:

- o Led **R&D efforts** focused on **AI-based detection** of fake or manipulated content (text, images, and videos), ensuring high accuracy and reliability.
- o Designed the **architecture** and end-to-end technical strategy to support scalable and modular AI pipelines for real-time content analysis.
- o Integrated **Gemini AI (via Google Genkit)** to handle advanced detection tasks such as:AI-generated text classification, Deepfake or altered image detection, Video authenticity analysis
- o Developed core application features using **Next.js**, **TypeScript**, and **TailwindCSS**, ensuring a responsive and user-friendly interface.
- o Led deployment and delivery of the project, aligning technical outcomes with stakeholder and industry-specific needs.

- o Delivered a high-value solution used across various sectors to combat misinformation, ensure content integrity, and support digital trust.

Techniques and tools:
- o **Frontend**: Next.js, TypeScript, TailwindCSS.
- o **AI**: Gemini AI via Google Genkit.
- o **Use Cases**: Media validation, content moderation, e-learning integrity, brand safety, HR candidate screening.

Auto Post
Next and AI web application

Built a web application for social media automation that integrates AI (Gemini) and n8n workflows. The application can generate content and images automatically, or allow users to manually add post details, and then schedule or post directly to multiple social networks.

Responsibility:

- o Led the **research and development (R&D)** efforts for this project, focusing on the integration of **AI** and **automation** to create a seamless user experience.
- o **Architected the application** and designed its overall flow, ensuring an efficient, scalable, and intuitive system for users.
- o Developed the AI-powered features using **Gemini AI**, enabling automatic content generation, including **text** and **images**, based on user-defined themes or keywords.
- o Integrated **n8n** to automate backend workflows, allowing the application to schedule and post directly to platforms like **Facebook, Twitter, LinkedIn**, etc., without manual intervention.
- o Managed project progress by tracking development milestones, ensuring alignment with business objectives, and delivering iterative improvements.
- o Oversaw testing and debugging phases, addressing issues related to integration between AI and social media APIs, as well as enhancing the overall user experience.
- o Delivered regular updates and progress reports, ensuring stakeholders were aligned on the status and improvements made to the platform.

Techniques and tools:

- o **Gemini AI** for content generation and image creation.
- o n8n for workflow automation.
- o Next for frontend development.
- o **AWS** for cloud deployment and scalability.

Live URL:http://autopost.yenmin.in

Renzy
React web application

Developed a web-based FinTech application that allows users in the **United States** to pay rent using **credit cards**. Enabled rent payments via **direct bank transfers to landlord accounts** or by **mailing physical rent checks**.

Responsibility:

- o Designed and developed a **responsive frontend** using **React.js**.
- o Integrated frontend with **NestJS backend APIs** for secure and reliable transaction processing.
- o Owned **UI implementation, API integration, and frontend feature development**.
- o Collaborated closely with the **QA team** to identify, debug, and resolve functional and performance issues.
- o Worked with **cross-functional teams** (backend, QA, product, stakeholders) to ensure smooth delivery **within timelines and scope**.
- o Contributed to improving **user experience and payment flow reliability** through iterative enhancements.

Techniques and tools:

- o **Frontend:** React.js
- o **Backend:** NestJS (API integration)
- o **Payments:** Credit card & bank transaction workflows
- o **Collaboration:** Agile / cross-functional teams

GOVT
Web Site

Developed a **dynamic, responsive, and animation-rich government website** that delivered real-time content updates with smooth transitions and user interactions. The website focused on delivering a **modern, interactive experience** for public-facing government communications.

Responsibility:

- o **Led the end-to-end development** of the project, guiding a frontend team to implement advanced UI animations and real-time content delivery.
- o Architected and built a **responsive design** that dynamically loads content from APIs and displays it with **smooth UI animations** to enhance user engagement.
- o Implemented **content loader animations**, scroll-based effects, and transition components to create a modern, engaging user experience.
- o Ensured **cross-browser compatibility** and **mobile responsiveness** using best practices in CSS and component-based frontend frameworks.
- o Managed project timelines, delegated tasks to the team, and ensured the project met performance, accessibility, and design standards.
- o Collaborated with backend developers and designers to create a **cohesive, scalable frontend system** for ongoing content updates.

Techniques and tools:

- o **Frontend**: Wordpress
- o **Styling & Animation**: CSS, GSAP, Javascript

Alpha Deserve
Web Site

Alpha Deserve, a responsive, multi-page static website using React.js. This project combines modern design with seamless functionality, ensuring optimal performance and adaptability across devices. Built with a focus on user experience, the website efficiently showcases content while leveraging React.js for enhanced interactive elements.

Responsibility:

- o   Developed UI for all screens Figma to web screen with responsive screen..
- o   Conducted testing, identified issues, and implemented fixes.
- **o**   Guided team members and provided training to maintain code standards.

Techniques and tools:
- o   React JS
- o   HTML
- o   CSS
- o   Java Script

Live URL: https://alphadeserve.com/

NFTICKET
Web3-Web Site

The NFTicket event ticket was designed for a digital event. The website is built on React and Mindbase blockchain technology. Users can use cryptocurrency tokens (NEAR) to purchase tickets and create event tokens on the website.

Responsibility:

- o   Developed UI for all screens Figma to for Multiple pages.
- **o**   Conducted testing, identified issues, and implemented fixes.

Techniques and tools:
- **o**   React js,
- o   Redux,
- **o**   Mind base (Blockchain Tech).
- **o**   Meta Mask.