



Kali Mahalingam

Web Developer / XML Developer

I am a driven Web Developer/ XML Developer with expertise in creating dynamic front-end interfaces and integrating XML solutions that support seamless data management. Through hands-on projects, I have harnessed technologies like HTML, CSS, JavaScript, Angular, Node.js, and MongoDB to build efficient, secure, and responsive platforms. My experience as an XML Developer includes transforming complex datasets into streamlined processes and ensuring accuracy and reliability across applications. Graduating with a B.E. in Computer Science and Engineering from Sathyabama Institute of Science and Technology established my fundamental grounding in software principles, while subsequent full-stack training sharpened my ability to adapt to evolving trends. In previous roles, I collaborated with cross-functional teams, documented best practices for scalability, and mentored junior developers in emerging tools.

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SKILLS

Project Coordination CSS3 Styling JavaScript Programming Cross Browser Compatibility XML Integration

API Development Responsive Design Client Relations Communications UI/ UX Design Data Validation

Front-End Optimization Angular Framework MongoDB Database Performance Testing Agile Methodologies

AJAX Techniques RESTful Services Code Debugging Web Security Error Handling Team Leadership

WORK EXPERIENCE

XML Developer

Bluez Infomatic Solution

06/2024 - 11/2024

Coimbatore, India

Achievements/Tasks

- Engineered robust XML solutions that merge APIs and automate data flows to boost system performance.
- Optimized XML processes by refining schema designs and mapping data precisely across all platforms.
- Collaborated with peers to enhance XML parsing and ensure smooth integration with key systems.
- Implemented rigorous XML validations that consistently minimized common errors and secured vital data integrity.
- Created detailed documentation for XML modules to support training and boost team knowledge quickly.
- Resolved integration issues by debugging XML code and refining module configurations with expert precision.
- Tested XML modules rigorously to verify stable performance and ensure quality standards were met.
- Monitored XML workflows daily to detect issues early and maintain uninterrupted integration operations consistently.
- Enhanced XML performance by updating libraries and refining code for faster, efficient system processing.

Web Developer

Cogno Rise Info Tech

02/2024 - 04/2024

Chennai, India

Achievements/Tasks

- Designed interactive web pages using HTML, CSS, and JavaScript to deliver engaging user experiences.
- Developed a fully functional calculator application that ensured accurate arithmetic operations through elegant design.
- Engineered a dynamic to-do list tool, enabling users to add, edit, and remove tasks effortlessly.
- Implemented modern responsive design principles to ensure seamless performance across desktops and mobile devices.
- Built secure login and registration pages with form validation to protect user credentials reliably.
- Enhanced front-end interfaces by refining UI elements and ensuring intuitive navigation for all users.
- Optimized overall website performance by effectively compressing media and streamlining CSS and JavaScript files.

EDUCATION

B.E in Computer Science and Engineering
Sathyabama Institute of Science and Technology | CGPA: 7.65
06/2019 - 05/2023

COURSES & CERTIFICATIONS

Full Stack Web Development – Completed comprehensive training focusing on front-end and back-end web technologies.

PROJECTS

- Advanced Autonomous Segmentation
- Developed a deep learning model leveraging the YOLO algorithm to accurately segment road scenes, enhancing the safety and reliability of self-driving systems through real-time data analysis and robust performance tuning.
- Dynamic Music Streaming Clone
- Engineered a responsive web application that replicates the look and feel of a leading music streaming platform. I implemented fluid animations and adaptive design techniques using HTML, CSS, and JavaScript to ensure a seamless user experience across multiple devices.
- Secure User Authentication Portal
- Designed and deployed a comprehensive login and registration system featuring rigorous form validation and robust security measures. This project emphasized intuitive interface design, reliable data handling, and seamless user access control.

ACHIEVEMENTS

- Recognized by peers for innovative problem-solving and technical contributions in project development.
- Consistently delivered high-quality projects ahead of deadlines while ensuring optimal functionality.
- Earned commendations for creating secure, scalable, and user-centric digital solutions.
- Committed to continuous improvement through ongoing training and advanced technical certifications.
- Successfully integrated emerging technologies to streamline data management and enhance web performance.
- Maintained comprehensive project documentation that improved team collaboration and process transparency.
- Played a key role in optimizing user interfaces, resulting in improved engagement and ease of navigation.
- Developed robust XML solutions that significantly enhanced data accuracy and system reliability.

TECHNICAL SKILLS

Microsoft Office (Word, Excel, PowerPoint & Outlook)

Bootstrap 4

Visual Studio Code

Git

Chrome Developer Tools

Postman

HTML5

JSON

XML

PERSONAL DETAILS

Date of Birth	30/ 03/ 2001	Nationality	Indian
Visa Status	Visit Visa		

LANGUAGES

English

Tamil

REFERENCES

Available upon request.