

JAYASRI V

Software Engineer | Chennai, Tamil Nadu | venkatjayasri002@gmail.com

Linkedin: Jayasri V | Github: Jayasri V | +91 936 186 1772

Professional Summary

Web Developer Intern with hands-on experience in building responsive websites using HTML, CSS, JavaScript, and PHP with SQL integration. Skilled in UI/UX design and backend connectivity. Quick learner with a strong foundation in web development and a passion for creating user-friendly applications.

Technical Skills

- **Programming Languages:** Python, Java (Intermediate), SQL, MySQL, HTML, CSS, JavaScript, PHP (Backend Connectivity), C++ (Basic), MongoDB.
- **Tools & Platforms:** Git, VS Code, Jupyter Notebook, Google Colab, Selenium (Automation), Django.
- **Analytics & Visualization:** Excel, Tableau.
- **More Tech Skills:** Object-Oriented Programming, Operating System, Web Technology, Web Services, XML, Software Testing, Software Development Life Cycle, Computer Networks, UI/UX (Creating User-friendly interfaces).

Work Experience

Intern - Web Developer, Weboin Technologies, Chennai

January 2025 - April 2025

- Gained hands-on experience in front-end web development by actively learning and applying JavaScript concepts through guided tasks and real-time problem-solving.
- Contributed to the development of responsive web interfaces using HTML, CSS, and JavaScript, ensuring user-friendly and visually appealing designs.
- Collaborated with the development team to build and enhance small-scale projects, applying learned skills in JavaScript, event handling, and dynamic content rendering.
- Strengthened understanding of web development workflows, version control with Git, and best practices in frontend development.
- Practiced debugging and troubleshooting techniques to resolve frontend issues and improve application behavior across different browsers.
- Demonstrated initiative in learning UI/UX principles to contribute to better user experience in project deliverables.

Intern - Web Developer, Virtual Tech Services, Ambattur.

May 2024 - June 2024

- Designed and developed responsive, interactive web pages using HTML, CSS, and JavaScript, applying modern layout techniques and visual styling.
- Ensured cross-browser and device compatibility, optimizing web designs for consistent performance on desktops, tablets, and mobile devices.
- Collaborated with team members to convert design mockups into functional components, following industry standards and clean coding practices.
- Developed a fully functional restaurant website as a capstone project, featuring responsive navigation, contact forms, and dynamic content.

Education

Ethiraj College for Women, Master of Computer Application

September 2023 - April 2025

Coursework/Skills: DBMS, XML, SDLC, DCF, Software Testing, Software Process Quality, Cryptography, Blockchain, Cloud Computing, Accounting, Statistics.

Coursework/Skills: Operating System, Computer Networks, Artificial Intelligence & Expert System, Mathematics, Physics, Data Structures, RDBMS, PL/SQL, Data Science, Case Tools & Testing Tools, IOT & its Applications.

Projects

FarmTrust – Blockchain-Based Food Supply Chain System

March 2025

FarmTrust is a secure food supply chain management system built with Django and Web3.js, integrating blockchain technology for enhanced transparency and traceability. Using smart contracts, it records and verifies transactions across the supply chain, reducing fraud and ensuring data integrity. FarmTrust demonstrates the real-world use of blockchain in improving accountability and trust in food distribution.

Flatland – Train Guidance and Collision Avoidance System

November 2025

Flatland is a train guidance system developed for the AICrowd Flatland Challenge, focusing on optimizing multi-agent pathfinding in railway networks. Built using Python and machine learning, it simulates train movements to prevent collisions and improve scheduling. Developed on Google Colab, the project showcases the use of reinforcement learning and real-time decision-making in dynamic transport environments.

PathLearn – Course Recommendation System

November 2025

PathLearn is an ML-based course recommendation system developed during the IBM Datathon using Python and Jupyter Notebook. It applies NLP and similarity algorithms to suggest personalized online courses based on student queries and interests, helping learners make informed educational decisions.

Responsive Restaurant Website

May 2024

Developed as a final project during a web development internship, this responsive restaurant website was built using HTML, CSS, and JavaScript. It features modern UI elements like navigation menus and contact forms, showcasing skills in responsive design, UI development, and performance optimization.

Virtual Assistant for College

March 2024

This project is a voice-based assistant created using Python, integrating Speech Recognition and Text-to-Speech (TTS) technologies. Designed to guide students, faculty, and visitors within a college environment, the assistant provides directions to departments and responds to user queries via voice commands. It serves as an interactive and accessible solution for on-campus navigation and information dissemination.

Achievements & Certifications

Business English Communication

March 2025

Design Thinking - Course under School of Design Thinking

March 2025

Machine & Deep Learning: Matwork

November 2024

MongoDB & Fundamentals of AI : ICT Learnathon

November 2024

Hackathon Certification - IBM Datathon (Data Science Hackathon)

December 2024

Secured Second prize in an intercollegiate competition 'Data Dash' held at WCC.

March 2024

Crash Course on Python: Coursera

September 2023

Digital Marketing: Coursera

February 2023