

Selvakannan

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Professional Summary

Full Stack Developer with 2+ years of experience at Sify Technologies, specializing in developing robust and scalable web applications. Proficient in modern technologies, including the MERN and MEAN stacks, Vue.js, and Python with a strong interest in AI-driven solutions. A **Software Developer** dedicated to optimizing development workflows and delivering high-quality software.

Education

Velammal College of Enginnering and Technology, BE in Computer Science Aug 2019 – Apr 2023

- GPA: 8.45/10.0
- **Coursework:** Database Management Systems , Artificial Intelligence, Cryptography, Theory of Computation, Full-Stack Web Development, Natural Language Processing.

Experience

Software Engineer, Sify Technologies – Tamilnadu, IN July 2023 – present

- - Developed a powerful SlideDeck editor using Vue.js and Fabric.js, enabling users to create, customize, and export interactive presentations with AI-driven template enhancements and animation capabilities.
- - Integrated SlideDeck into Skillflo LMS (MEAN stack) as an iframe-based module, enhancing e-learning with animated slides, interactive assessments, and multimedia support.
- - Built an AI-powered animation editor in JavaScript, facilitating seamless interaction between SlideDeck and Skillflo for dynamic learning experiences.
- - Engineered an object recognition system for visually impaired users, leveraging hardware and AI to assist in daily activities through real-time object scanning and voice feedback.
- - Proficient in MERN, MEAN, Vue.js, Generative AI, AWS, and Docker, specializing in scalable web applications and AI-driven solutions.

Projects

Software Engineer, Sify Technologies – Tamilnadu, IN

Slidedeck Editor

- Developed a canvas editor using Vue.js and Fabric.js, allowing users to import and render objects such as shapes, text, images, templates, audio, and video.
- Enabled export functionality in multiple formats, including image, SVG, PDF, PPT, and JSON, with JSON as a core format to reflect all canvas data.
- Integrated LLM models to enhance templates dynamically, similar to Microsoft PowerPoint and Canva, by modifying structures and layouts.
- Built an animation editor in JavaScript within an Iframe, facilitating interaction between the editor and Slidedeck.
- Currently leading the second phase of development, incorporating AI-driven animations for Slidedeck objects.
- Tools Used: HTML , css , vue.js.

AI Course Site

- In this project, Contributed to the development of Skillflo, a Learning Management System (LMS) built with the MEAN stack.
- Integrated SlideDeck as a "Slides" module, embedding it into Skillflo's system as an iframe-based component.

- Enhanced Skillflo by enabling animated slides, making SlideDeck a key component of the learning platform.
- Worked on interactive learning features, supporting content such as HTML assessments, videos, and imported HTML.
- Collaborating on the final phase of SlideDeck, where an animation editor will provide advanced slide animations for Skillflo's learning modules.
- Tools Used: MEAN Stack

Technologies

Languages: JavaScript, TypeScript , python , SQL

Technologies: MERN , MEAN , Vue.js, Gen AI, AWS, Docker

Certifications

- AWS Certified Developer Associate - Valid Upto 2026
- workato