

Aswin KV

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About Me

Passionate third-year Computer Science student with strong skills in web development, Blockchain, problem-solving, and system design. Proficient in developing scalable and user-focused software solutions. Actively learning full-stack development and advanced technologies to contribute to impactful projects.

Education

SRM Institute of Science and Technology , Trichy, India	09/2022 – 03/2026
B.Tech in Computer Science & Engineering	CGPA: 9.14
P.H.S Parudur , Parudur, India	06/2019 – 03/2020
Higher Secondary State Board Exam (PCM)	Percentage: 98

Projects

- **Imagify - AI-Powered Text-to-Image Generator** Live Demo
React, Vite, Tailwind CSS, Framer Motion, Node.js, Express.js, MongoDB
 - Developed a seamless AI-powered text-to-image generation app using OpenAI's DALL·E model.
 - Integrated JWT-based authentication to personalize user experience securely.
 - Implemented Razorpay payment gateway for a credit-based system to unlock premium features.
 - Optimized UI/UX using Framer Motion for smooth animations and responsive design.
 - Deployed frontend on Vercel and backend on Render for scalability.
- **Edemy - Online Learning Platform** Live Demo
MERN Stack, Tailwind CSS, Clerk, Cloudinary, Stripe
 - Developed a full-fledged e-learning platform similar to Udemy with authentication, course management, and payment integration.
 - Implemented user roles for students and educators, enabling course creation, enrollment, and progress tracking.
 - Integrated secure payments using Stripe and optimized image handling with Cloudinary.
- **Bankist App** Live Demo
JavaScript, HTML, CSS
 - Developed a modern banking application with login, transfers, loans, and account closure features.
 - Implemented real-time currency formatting and transaction tracking.
 - Use Login ID as [ak] and Password as [1877].
 - Use Login ID as [vk] and Password as [1111] (For Second Account).
 - Utilized session timeouts for enhanced security.
- **OmniFood** Live Demo
HTML, CSS, JavaScript
 - Designed a responsive website for Omnifood, a smart food subscription service.
 - Focused on user-centric design, meal plans, and AI-powered customization.

Experience

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|---|-------------------|
| Ila Foundation , Web Developer | 05/2024 – 06/2024 |
| • Designed a website for palliative care workers, contributing to patient care initiatives. | |
| AI-ML Virtual Internship , Intern | 10/2024 – 12/2024 |
| All India Council for Technical Education (AICTE) | 10 weeks |
| • Gained hands-on experience in AI and Machine Learning techniques. | |
| • Worked on real-world AI models and projects. | |
| • Explored deep learning frameworks and tools. | |

Technical Skills

Languages: *Python, C, C++ , JavaScript, Solidity*

Developer Tools: VS Code, Remix, MongoDB Compass, Postman, React 19, Next.js 15, Vercel, Clerk Dashboard, Stripe Dashboard, ESLint

Web Development: *HTML, CSS, Tailwind CSS, SQL, JavaScript, TypeScript, React.js, Next.js, Node.js, MongoDB, Express.js, OpenAPI*

Certifications

- AWS Academy Graduate - AWS Academy Cloud Foundations
- ReactJS & Redux - Udemy
- Python for Data Science - XIE
- C Programming Bootcamp - Udemy
- The Complete JavaScript Course 2025 - Udemy
- MongoDB Basics
- Build Responsive Real-World Websites with HTML & CSS - Udemy