Aswin KV

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 LinkedIn   GitHub   HackerRank

My Domain

Discover my world of code and innovation : aswin718.xyz

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

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