

VIYASHAN SATHIYAMOORTHI

Software Engineer | Full-Stack Developer

✉ viyashansathiyamoorthi@gmail.com 🌐 viyash-24 🌐 viyash24 🔗 portfolio 📞 076 1138718

ABOUT

I am a Software Engineering undergraduate with strong interest in full-stack development. I have hands-on experience in software design, coding, and collaborative team projects, along with strong problem-solving skills. I am a quick learner who easily adapts to new environments and technologies. I am seeking an internship opportunity to apply my technical skills in real-world projects and contribute effectively while growing my future career in Software Engineering.

Professional Experience

Freelance Full-Stack Developer, *Dakshes MTC (Dress Shop Website)* [🔗](#)

- Developed a modern full-stack e-commerce platform for my client, Dakshes Multi Trade Center.
- The platform features a responsive UI, intuitive product browsing and a seamless user experience.
- The application was fully designed, developed, and deployed by me, including hosting on Vercel.

EDUCATION

BSc (Hons) in Software Engineering, *Sabaragamuwa University of Sri Lanka* 2023 – Present

G.C.E Advanced Level (Physical Science), *CP / N / Cambridge College - Kotagala* 2021

TECHNICAL SKILLS

Frontend Development: HTML5, CSS3, Tailwind CSS, React.js, Next.js, Redux

Backend Development: Node.js, Express.js (REST APIs), Django, FastAPI

Programming Languages: JavaScript, Python, TypeScript

Databases: MongoDB, MySQL, PostgreSQL

Tools & Platforms: Git, GitHub, VS Code, Postman, Figma, Jira

Cloud & DevOps: Docker, AWS (EC2, S3), Kubernetes

Core Concepts: Object-Oriented Programming (OOP), MVC Architecture, RESTful API Development, JWT Authentication

PROJECTS

Mini Project - Smart Park [🔗](#), *Group Project, Team Leader*

- Developed a Full-Stack Smart Parking System as part of a university group project
- I was responsible for frontend, backend and overall project design, using MERN stack.
- Implemented secure authentication, role-based access, real-time slot tracking, vehicle registration, automated slot management, payments and email notifications.
- Deployed on AWS (S3 for frontend, EC2 for backend) with CloudFront for HTTPS delivery and global distribution.

Text-to-Image SAAS App [🔗](#), *Individual Project*

- Built an AI-powered text-to-image generation web application using the MERN stack integrated with the ClipDrop API.
- Integrated a credit-based system with secure payment integration for purchasing additional credits.
- Designed secure authentication, efficient database operations, and a responsive user-friendly interface.

QuickCart - E-Commerce website [🔗](#), *Individual Project*

- Engineered a Full-stack e-commerce application with role-based dashboards, product management, cart, and order processing.
- Built secure authentication, payment processing, and scalable services for media handling and background jobs.
- Tech Stack: Next.js, Tailwind CSS, Express.js, MongoDB, Stripe, Clerk, Cloudinary, Inngest

Extracurricular Activities

IEEE volunteer [🔗](#), *Student Branch of Sabaragamuwa University of Sri Lanka · On-site*

- As a member of the Program Team, I contributed to planning, organizing, and coordinating event activities to ensure a smooth and impactful celebration of IEEE Day 2025.

Certificates

- Crash Course on Python [🔗](#)
- Introduction to AI [🔗](#)
- IEEE Day Program Team [🔗](#)
- Crash course on AWS [🔗](#)
- AWS ECS [🔗](#)

LANGUAGES

- English
- Tamil
- Sinhala

Soft Skills

- Communication, Problem Solving, Quick Learner, Leadership, Time Management, Collaboration

References

Prof. BTGS Kumara, *Professor*, Faculty of Computing, Sabaragamuwa University of Sri Lanka, kumara@foc.sab.ac.lk, +94 71 443 1193

Mr . Aravinda Nawarathna, *Full-Stack Engineer*, Refcoins (pvt) LTD, nawarathnaaravinda@gmail.com, +94 71 333 1978