Harshana Madhuwantha

Information Technology (Intern)

✉ hahmsilva9963@gmail.com   📞 0712570791

📍 Matara, Sri Lanka   ⬡ hahmsilva99

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🧩 About me

I am a fast learner who adapts quickly to change and eager to learn new methods and technologies, and work as an effective team member.Intend to work smart for the advancement of any project that I'm working on.I am seeking a new, challenging career in the IT industry. I hope to give my best performance with my hard work for the success of the organization while gaining more experience.

🎓 Education

Reading B.Sc. (Hons) in Information System
Sabaragamuwa University of Sri Lanka

G.C.E. Advanced Level in Physical Stream
Mr/ Narandeniya National college,Matara

📂 Projects

Clever Convo (individual - ongoing) ↗

This project highlights the creation of a vector database from Django documentation PDFs for semantic search. The bot answers questions by searching this database, demonstrating its capabilities with examples.The project integrates Celery for background tasks, Cloudflare Tunnels for connecting Slack API to the local Django project, and Upstash for Redis and vector database storage.
Technologies used - Python, Django, Celery, Upstash, LlamaIndex, OpenAI

Content Harbor (individual - ongoing) ↗

This project about a secure content management system using Django, HTMX, and S3 storage. Key features include user authentication, content uploads, and user management. Deployment is handled with Kubernetes and secured using TwinGate. This project covers setup, deployment, and practical usage for efficient content management.
Technologies used - Python , Django, Kubernetes, TailwindCSS, Twingate, AWS S3, & HTMX

Tiny Titans (individual - ongoing) ↗

This project is about modern micro eCommerce web application .This application is a small online store focusing on a limited product range.It uses modern technology for fast, easy shopping and can be scaled up as needed.
Technologies used - Python , Django, Neon Postgres, Stripe, & TailwindCSS

IGym Web-based Application (Group - ongoing) ↗

Developing a web application for the fitness Center
Role: Full-Stack developer, UI/UX designer
Used Technologies: React JS, Tailwind CSS, MongoDB, MySQL

University Medical Records Management System (Group) ↗

Medical records management system which provides online appointment and consultation features for university students.
Role - UI Designer
Technologies used - ReactJS , NodeJS , MySQL

Certificates

Certificates for Machine Learning

- Introduction to Machine Learning at mygreatlearning.com (completed).
- AI/ML Engineer at faculty of computing in SLIT (ongoing)

Certificate for Cybersecurity

- Introduction to Cybersecurity at Cisco Networking Academy.

Certificates for Web Developing

- Front End Development - HTML at mygreatlearning.com (completed).
- UI / UX for Beginners at mygreatlearning.com (completed).
- Introduction to Design Thinking at mygreatlearning.com (completed).

Skills

Programming Languages
Python
JavaScript
HTML / CSS
Tailwind CSS

Design tools
Figma

Frameworks
Django
React js

Version Control
VS code
Git

Databases
MySQL

Soft skills

- Team work
- Good communication
- Leadership
- Eligibility to accept challenges
- Organizing & Planning
- Decision Making
- Problem Solving

Extracurricular Activities

- A member of the IEEE Student Branch
- A member of Society of Computer Sciences (SoCS)
- Member of university street drama group
- Member of university Drama club.

Hobbies and life interests

- Hiking and camping , Stage and Street Acting , Social working , Drama Script and Poem writing , Outdoor activities like - playing cricket, volleyball , Stay calm and enjoy every moment in life .

References

Prof. B.T.G.S Kumara, *Professor in Computer Science,*
Department of Computing & Information Systems, Faculty of Computing, Sabaragamuwa University of Sri Lanka
kumara@appsc.sab.ac.lk, +94 71 443 1192

Mr. Amila B. Gunarathne, *Associate Software Engineer,* Yoors
amilabgunarathne@gmail.com, +94 71 740 1012