GLOED EDWARD VINONSAN

JUNIOR WEB DEVELOPER CANDIDATE

CONTACT

- 075 4476969
- vinonsan.99@gmail.com
- Point Pedro Road Urany, Kankesanthurai
- Linkedin | Github
- Tamil , English

EDUCATION

2021 - 2025
RAJARATA UNIVERSITY OF SRI LANKA, MIHINTHALE —
- Bachelor of Science in Applied Sciences

April 2020 - October 2020
ESOFT METRO CAMPUS, JAFFNA
- Diploma in Software Engineering

June 2024 - December 2024
STUDYZ ACADEMY
- Diploma in Full stack development

ADDITIONAL SKILLS

- Developing web applications using HTML, CSS, JavaScript, and PHP, with the Bootstrap library for responsive design.
- Backend development using Node.js and Express.js with MongoDB or PostgreSQL databases.
- Frontend development using React.js with the React Bootstrap library.
- Building an object detection model using YOLOv8 in Google Colab with Roboflow.
- Skilled in using Postman for backend development and API testing.
- Designing user interfaces using Figma.
- Embedding machine learning models using Express.js for deployment.
- Ability to handle API requests efficiently.

PROFILE

Junior Web Developer with a strong foundation in programming, problem-solving, and software development principles. Proficient in core languages such as Java, Python, JavaScript, PHP, C, C++, and C#, with hands-on experience through personal projects and a research project at the Rajarata University of Sri Lanka. Skilled in web development, database management, and debugging. Known for quick learning ability, adaptability, and a collaborative spirit, seeking to contribute technical expertise and a passion for innovation in a dynamic development team.

SKILLS

Languages	: Java|Javascript|Python|Php|C#|C|C++
Backend development	: Node Js|Express Js|Mysql|Mongo Db |Postgresql
Frontend development	: Html|Css|React js
UI/UX	: Figma | Photoshop
Version Control	: Git | Github

PROJECTS

ENHANCING RAILWAY SAFETY USING COMPUTER VISION AND CLOUD-BASED TECHNOLOGIES —RESEARCH PROJECT FOCUSED ON MACHINE LEARNING TECHNIQUES AND THEIR APPLICATIONS.
- Developed a system to protect wildlife, particularly elephants and bulls, from train-related accidents.
- Utilized YOLOv8 for real-time animal detection via cameras along the tracks, capturing animals within 250 meters.
- Integrated weather forecasting to predict conditions at both current and upcoming locations.
- Provided train pilots with voice command alerts for potential animal presence and weather hazards.
- Built using Node.js, Express.js, React.js, PostgreSQL, and YOLOv8.
- Aimed to enhance wildlife conservation and improve train safety.

LEARNING MANAGEMENT SYSTEM (LMS) FOR A EDUCATIONAL INSTITUTE — A PROJECT DEVELOPED USING THE DJANGO FRAMEWORK.
- Developing a Learning Management System (LMS) using the Django framework.
- Provides a platform for course management, student progress tracking, and assessments.
- Features include user authentication, content management, and reporting tools for both students and administrators.
- Ensures an efficient and secure online learning experience.

DYNAMIC PORTFOLIO FOR EASY UPDATE SKILLS - AN ONGOING PROJECT DEVELOPED USING THE MERN STACK TECHNOLOGY.
- Developed a dynamic portfolio using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Enables real-time updates and easy data management for portfolio content.
- Allows users to dynamically modify project details, skills, and experience without altering the codebase.
- Features an intuitive interface for making changes, with updates reflected instantly on the portfolio.
- Showcases flexibility and ease of use for personal or professional branding.

G.E.VINONSAN