G.S.K. NANAYAKKARA
(Gevin)

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in https://www.linkedin.com/in/gevin
-nanayakkara-54b17b242

🐙 https://github.com/GevinN99

📚 https://stackoverflow.com/users/
14628650/gevin-nanayakkara

Ⓜ https://medium.com/@gevinnanayakkara

LANGUAGES

English ● ● ● ● ◔
Sinhala ● ● ● ● ●

SOFTWARES

AutoCAD
Proteus
AspenPlus
SOLIDWORKS
Microsoft Office
Adobe Ps / Ai / Li
JetBrains WebStorm / IntelliJ
VS Code

PROFILE

I'm a dual-degree undergraduate student in Energy and Environment Technology and Computer Science Engineering. My studies have instilled in me a strong passion for renewable energy and sustainability. I'm committed to applying my knowledge to make a positive environmental impact. I'm eager to intern in roles that align with these values, leveraging my interdisciplinary education to contribute to a greener and more sustainable future.

EDUCATION

Mahinda College | Galle
2006 - 2017

Ananda College | Colombo 10
2017 - 2019

INFORMATION & COMMUNICATION TECHNOLOGY	A
SCIENCE FOR TECHNOLOGY	A
ENGINEERING TECHNOLOGY	B

IJSE | Panadura
2017 - 2019

Completed a series of Java development projects and Web projects as part of this program, demonstrating proficiency in Java programming, object-oriented design, software development, and web design.

Bachelor of Engineering Technology Honours (BET)
University of Sri Jayewardenepura
2020 - Present {Undergraduate)
Specialized in Energy and Environmental Technology. (Hons)

B.Sc. (Hons) Computer Science Engineering
Informatics Institute of Technology (IIT) | Colombo
University of Westminster | UK
2023 - Present (Undergraduate)

SKILLS

Web Development (MERN Stack)

Graphic Designing

IOT / Automation Systems

Development Java / Python / C / Js /

HTML / CSS /
ReactJs / AngularJs / NodeJs / SQL ...

PCB designing

Leadership

Time Management

REFERENCES

Dr. (Eng) P. R. A. Udara
Sampath Senior Lecturer Gr. II
Email : udara@sjp.ac.lk

Dr. Pabasari Koliyabandara
Senior Lecturer
Email : arundathi@sjp.ac.lk

MEMBERSHIP

IEEE - University of Sri Jayewardenepura
2021 - Present
Member Number: 98486008

Values of the Wise Society (VOW Society) Career Guidance unit - University of Sri Jayewardenapura
2023 - Present

KEY PROJECTS

- 2023
  Energy Audit in Sampath Supermarket, Kottawa.
- 2022

  Solid Waste Management project in Unichela (MAS Holdings Pvt.) - Panadura.

- 2023
  Blog App

  This is a blog application constructed using the MERN stack, enabling users to seamlessly create, read, update, and delete blog posts while also offering advanced APIs for enhanced functionality.

- 2023
  Microservice communication using Nodejs

  Microservices architecture implemented using Node.js, Express.js, and various databases (POSTGRESQL, MySQL, MongoDB)

- 2021
  Innovative Drain Cleaning Solution
  Invented an automated drain cleaner to address widespread drain blockage issues in Sri Lanka's wastewater systems. The machine eliminates solid obstructions, preventing blockages, reducing maintenance costs, and more. Developed a prototype machine and a companion app for detecting blockages and controlling the device. Applied for a patent as the team leader.

- 2023
  Smart Home Safety System
  Created a safety system using an ESP32 microcontroller and a free API to detect LP gas leaks, smoke, and high room temperatures. Sends WhatsApp alerts, triggers warning lights, exhaust fans, and warning sounds for quick response, enhancing safety at home and in businesses.

CERTIFICATES AND ACHIEVEMENTS

- **TADHack Sri Lanka 2022**

  Team: Cybernots
  Project: Janitor (An automated drain cleaner)
  Animation: https://youtu.be/kje8voIaqUw