ASANKA SOVIS

PERSONAL INFORMATION

Born

Sri Lanka, 12th September 1998

Email & Social

akashsovis@gmail.com · LinkedIn · Github

Goal

Telecommunication engineering pending graduate with experience in embedded engineering, currently working at SenzMate IoT Intelligence as an embedded engineer, seeking further opportunities.

WORK EXPERIENCE

SenzMate IoT Intelligence, Colombo

Dec 2023 - Present   Associate Embedded Engineer, SENZMATE

· Research, design, implement, manage & test embedded systems & programs.
· Identify areas of modification & write efficient code bases.
· Brainstorm ideas with team members & guide junior team members.

Atlas Populi, Colombo

May 2023 - Nov 2023   Embedded Engineer - Intern, ATLAS POPULI

· Fulfilled the requirements of the degree program as a trainee engineer.
· Part of the team that completed the Krakatoa Ko.5 project.
· Developed test firmware, soldered & validated PCBs, & manufactured, bench-tested & debugged sub-assemblies including the prototypes themselves.

MobForce Agency, New York (Remote)

Dec 2020 - Jun 2021   Project Manager, MOBFORCE AGENCY

· Managed internal projects, prepared reports, coordinated the design team & marketing team & handled online meetings.
· Additionally did market research, built project playbooks, social media handling & SEO.
Reference: George WEST · Founder & Current owner · georgewestjr88@gmail.com

EDUCATIONAL QUALIFICATIONS

BEng. (Hons) in Electrical, Electronics & Communications Engineering

Apr 2019 - Present   SLTC Research University, Padukka

School: School of Engineering
Description: Focused on electronics engineering while specializing in telecommunication engineering. In addition to theoretical knowledge; special focus on self-learning & project-based experience.

(Pending Graduation: July 2024)

School Education

Jan 2004 - Sep 2018   Maris Stella College, Negombo

ADDITIONAL QUALIFICATIONS

Diploma in Software Engineering

Sep 2018 - Jun 2019   ESoft Metro Campus, Negombo

Description: Software development life cycle, basic programming languages such as Java, Python & C/C++ were included in the training. In addition, database development & software testing techniques were included.

CERTIFICATIONS

Yonsei University on Coursera Online

Apr 2022 · IoT Wireless & Cloud Computing Emerging Technologies
Certification Link
Apr 2022 · Smart Device & Mobile Emerging Technologies
Certification Link

BerkeleyX on edX *Online*	Dec 2021 · Professional Certificate for Blockchain Fundamentals Certification Link
MITX on edX *Online*	Feb 2020 · Verified Certificate for Introduction to Computer Science & Programming Using Python Certification Link

SKILLS & EXPERTISE

Technical Skills	PCB design, C/C++ programming, Verilog & HDL development, Version control, Linux, Zephyr & other RTOS, OOP concepts, Systems development
Platforms	AMD XILINX, INTEL QUARTUS, AVR, ARDUINO, STM32, NORDIC nRF
Languages	ASSEMBLY, PYTHON, JAVA, JAVASCRIPT, C/C++, VISUAL C#, VISUAL BASIC, PHP
Extra Skills	Blockchain technology, Cybersecurity, Agile development, Networking, Project management, Documentation, LATEX

PROFESSIONAL PROFILE

Portfolio	· Final Year Project on Developing an Optimized Timetable Scheduling Algorithm using Machine Learning, Cluster Computing & High-Performance Computing: Project Almanac. · Other noteworthy projects including Indoor Positioning System using FPGA, Prometheus: Smart fire alarm system, Metroparking: Smart parking system, Muragala password manager & Akaradiya: Opensource sinhala dictionary. · Maintain blogs related to programming & electronics on Blogger & Hashnode.
Publications	· Enhanced Timetable Scheduling: A High-Performance Computational Approach — Publisher: IEEE
Achievements	· Completed the Aquinas Diploma in English Language & Literature with Distinction Pass in 2019. · Represented the school in the Sri Lanka Robotics Championship (SLRC) organized by the E-Club of the University of Moratuwa in 2016.
Organizations	· Former member of the Students for the Exploration & Development of Space (SEDS) SLTC club of Sri Lanka Technological Campus since 2020. · Former member of the University Student Enterprise (USE) club of Sri Lanka Technological Campus since 2020.
Languages	SINHALA · Mothertongue ENGLISH · Intermediate (conversationally & literary fluent)
Interests	Guitar · Workout · Swimming · Blogging · Tinkering with Electronics

REFERENCE

Yohan Pandigama	Founder - C2L3 Lecturer (CS) - Sri Lanka Technological Campus, Padukka. Former HoD - IT - CINEC Campus, Malabe. MIEEE, MIEEE - CS, MACM, MBCS, MCS (SL), MCS, BIT yohanp@sltc.ac.lk · +94 71 300 8883
Lasith Premaratne	Senior Embedded Engineer - Atlas Labs, Sri Lanka. B.Eng Swinburne University of Technology, Australia. lasithishan@gmail.com · +94 77 68 53 610