



Sandaruwan Dharmasena

Senior Geospatial Software Engineer

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📅 1992-07-13 🤵 Married 📞 071 2270145 🔗 [linkedin.com/in/sandaruwan-dharmasena-b60556258](https://www.linkedin.com/in/sandaruwan-dharmasena-b60556258)

Self-motivated, adaptable, conscientious and enthusiastic person with well-developed IT skills combined with a flexible attitude to work. Strong team-player skills developed through work in retail and group activities and have good presentation and communication skills. Good organizational skills developed in a variety of deadline orientated situations. Ability to get on well with people at all levels and to make good working relationships.

Work experience

02/2024
US

Senior Geospatial Software Engineer, CodeRunner Solutions

- Led the design and implementation of interactive web mapping solutions to support land survey projects.
- Managed and optimized spatial data infrastructure to enhance data retrieval efficiency and accuracy.
- Collaborated with cross-functional teams to integrate geospatial data into enterprise applications.
- Developed and maintained scalable geospatial software applications using modern GIS technologies and frameworks.
- Directed the integration of geospatial data from diverse sources to support decision-making and analysis.
- Provided technical leadership and mentoring to junior developers in geospatial software development best practices.

02/2014 – 01/2024
Sri Lanka

Map Technological Officer, Survey Department of Sri Lanka

- Develop and maintenance web-based GIS applications for Survey Department.
- Installed, configured, and supported local area network (LAN), wide area network (WAN) and Internet system.

Education

Diploma of Cartography (Advanced Level) - Second Class Honors,
Institute of Surveying and Mapping - Diyatalawa

G.C.E (A/L) Examination, Mathematics Stream, *R/ Gamini Central Collage - Kalawana*

Skills

ArcGIS Desktop (Map / Pro) — (Shape Files, Personal / File / Enterprise Geodatabase, mxd File) •
ArcGIS JavaScript API • **ArcGIS Rest API** • **QGIS / OpenStreet Map** •
Php / Html/ JavaScript/ Bootstrap • **Python** • **SQL Server / Postgres SQL / MySQL** •
Microsoft Office Package • **Assembling PCs and System Configuration** •
Software Installation & Troubleshooting, Repairing and Servicing of Laptop Computers •
Microsoft Windows 2012R2 Server Administration

Professional Qualifications

Design of Educational Application using Web Technologies,
National Institute of Technical Teachers Training and Research, Chennai, India

Diploma Computer Hardware with Networking, *Vocational Training Center - Dehiwala*

Training Course on Postgres SQL and QGIS, *University of Colombo School of Computing*

Certificate in Java Programming, *Sri Lanka Institute of Information Technology*

Projects

Coderunner Solutions web site, *Client: Coderunnee Inc (Year - 2024)*
Core Technology : Bootstrap 5

Web Base GIS Application, *Client: Lanka Electricity Company (Private) Limited (Year - 2020)*
Core Technology: ArcGIS Enterprise, SQL Server, Php

Investor's Guide for Reserves, *Client: Survey Department of Sri Lanka (Year - 2017)*
Core Technology: ArcGIS Server, Postgres SQL

Cadastral Map Service, *Client: Survey Department of Sri Lanka (Year - 2017)*
Core Technology: ArcGIS Server, Postgres SQL

Tenement List Data Management System, *Client: Survey Department of Sri Lanka (Year - 2017)*
Core Technology: PHP, MySQL

Survey Requisition Information Management System, *Client: Survey Department of Sri Lanka (Year - 2015)*
Core Technology: PHP, MySQL

Survey Department Web Site, *Client: Survey Department of Sri Lanka (Year - 2015)*
Core Technology: PHP, MySQL

Human Resource Information Management System, *Client: Survey Department of Sri Lanka (Year - 2014)*
Core Technology: PHP, MySQL

Human Resource Information Management System, *Client: Survey Department of Sri Lanka (Year - 2014)*
Core Technology: PHP, MySQL

Waste Water Management System, *City of PaloAlto (Year - 2024)*

Personal information

Date of Birth, *13/07/1992*

NIC No, *921952619V*

Marital Status, *Married*

Certification

19/08/2025

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.