

KABILARAJAN S

SOFTWARE ENGINEER

CONTACT

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OBJECTIVE:

Motivated professional with experience in geospatial data for autonomous vehicle projects and expertise in data extraction, validation, and quality management. Dedicated to contributing to a fast-paced organization by enhancing performance, driving success, and growing continuously both personally and professionally.

EDUCATION

BE - CSE 77%	2020-2024
Dr.N.G.P. Institute of Technology	
HSC 62%	2019-2020
Government Higher Secondary School	
SSLC 72.2%	2017-2018
Government Higher Secondary School	

EXPERIENCE

RFDB Analyst	July 2024 - June 2025
EDR Continuous Information Private Limited	
<ul style="list-style-type: none">Extracted and digitized 2D and 3D road features using QGIS for an international autonomous vehicle project.Interpreted LiDAR data, satellite imagery, and shapefiles to map road geometry and pavement details.Classified roads, signage, markings, and signals based on RFDB plugin guidelines.Ensured data quality through QA feedback cycles, spatial validation, and error correction.Stored structured data in PostgreSQL databases with compatibility for global client formats (Shapefiles, GeoPackage).	

SKILLS

- QGIS
- HTML
- CSS
- JAVASCRIPT
- SQL
- JAVA

PROJECT

SPOTSTAR Web Application

- Built an e-commerce site using HTML, CSS, and JavaScript.
- An integrated web application for streaming songs and movies, offering a seamless entertainment experience.

TN Boys Crackers – E-Commerce Web Application

- Built an e-commerce site using HTML, CSS, and JavaScript to include dynamic products and cart updates.
- Integrated WhatsApp order automation to send customer details and item list.
- Added PDF invoice generation using jsPDF + html2canvas.

EXPERTISE

- Teamwork
- Flexible & Adaptable
- Leadership