


KABILARAJAN S

SOFTWARE ENGINEER

CONTACT

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 Ramanathapuram, Tamil Nadu

 <https://portfoliokabilan.netlify.app>

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

- 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