RAGHAVENDRA JINGADE
TRANSPORTATION ENGINEER

CONTACT

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📍 Bengaluru, Karnataka

in raghavendrajingade

EDUCATION

Software Development Course
Masai school, Bengaluru
12/2022 - 06/2023 | Remote

Masters of Technology (Transportation Engineering)
B M S College of Engineering
12/2020 - 10/2022 | Bengaluru, Karnataka

Bachelor of Engineering (Civil Engineering)
KLS Gogte Institute of Technology
07/2016 - 10/2020 | Belagavi, Karnataka

TECHNICAL SKILLS

- AutoCAD
- Civil 3D
- PTV Vissim
- Q-GIS
- Google Earth
- Data From Sky
- Tensor Flow
- Microsoft Office
- Python
- HTML, CSS, Javascript, ReactJS

INTERESTS

Portrait sketching, Painting, Travelling, Cycling

ACHIEVEMENTS

Full Stack Web Development
Masai School | 06/2023

Project Control and Management course
NPTEL | 09/2018

Cambridge Business English certification
CELA | 06/2017

PROFESSIONAL SUMMARY

An individual eager to establish a career in Transportation Engineering. Passionate about contributing to professional goals and personal growth through hands-on project involvement and continuous learning.

WORK EXPERIENCE

Full Stack Web Developer   06/2023 - 05/2024
ProdigalAi Technologies Pvt Ltd

- Creating a blockchain-based financial technology product, Seamless integration of decentralized finance (DeFi) protocols, ensuring optimal user experiences and robust backend functionalities.

Transport Planner Intern   10/2021 - 12/2021
Directorate of Urban Land Transport, Bengaluru

- Conducting studies to enhance transportation connectivity and reduce traffic congestion through sustainable strategies, developing Station Accessibility Plans (SAP) for Vijayanagar and Attiguppe metro stations.
- Utilizing GIS tools to analyze road infrastructure, evaluating accessibility, connectivity, and safety, and proposed improvements to enhance cycling and parking facilities.

ACADEMIC PROJECT

Identification and Classification of Road Damages for Indian Road Condition using CNN

- Developed a custom object detection model using python to identify 6 types of road distress on Indian roads.
- Collected 1654 images road distress data as dataset for training model using a smartphone mounted on a car.
- Achieved average detection accuracy of 60%, precision over 74% and an F1-score over 69% in the best detectable categories.
- Provided a cost-effective and practical solution for road damage detection suitable for Indian conditions, using a simple smartphone instead of specialized vehicles.