



Rohan Lamture

CIVIL ENGINEER

Profile

Transportation infrastructure engineering graduate student with a strong civil engineering background. Concentrated on the thorough study of designing, constructing, and maintaining transportation systems, with a focus on sustainability and effective maintenance methods. Willing to relocate for employment.

Education

MSc in Transportation Infrastructure Engineering, University of Nottingham, Nottingham

DECEMBER 2024

B.E. in Civil Engineering, University of Mumbai, Navi Mumbai

MAY 2022

Internships

Site Engineer, D.D. Constructions, Pune

AUGUST 2016 – JUNE 2018

- Tracked and monitored project progress and identified potential hazards, implementing necessary corrective actions.
- Inspected construction sites to ensure compliance with all quality and safety standards.
- Establishing a secure workplace by establishing and enforcing safety protocols.

Academic Projects

Residential Index of Nagpur City, Navi Mumbai

This assignment represented the culmination of my academic journey and allowed me to apply my knowledge and skills in urban planning, data analysis, and geographic information systems (GIS) to the current crisis in urban development.

Coursework (Master's)

A358 Taunton to Southfields Dualling Scheme by Arup, Nottingham

The major goal was to identify locations on that stretch that need repair or assistance to improve road conditions, according to UK standards.

Proposal of Three Road Designs, Nottingham

The traffic assessment determined base and sub-base layer thicknesses and materials using CD226. After CD227 standards, each design's life cost and maintenance were examined.

Track Evaluation – Railway Technology², Nottingham

A thorough evaluation and recommendations for a 2.5-mile track portion including ABS, FWD, GPR, and DCP data, site photos, and borehole summary data.

Alignment Design Civil 3D Workshop, Nottingham

Design of the most feasible alignment for a single-lane road in Matlock, Derbyshire according to design manual for roads and bridges (DMRB) TD9-93 UK standards

Details

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Links

[LinkedIn](#)

Skills

AutoCAD
Civil 3D
Kenpave
Microsoft Application
Communication Skills
Leadership
Project Management
Teamwork
Creative Problem Solving
Sustainability
LCA
Report Writing

Languages

English
Hindi
Marathi

Hobbies

Chess, Lawn Tennis, Swimming, Explore

Life Cycle Assessment and Asset Management, Nottingham

Generated two alternative 20-year maintenance plans for pavement reconstruction ideas. Determine the life cycle costs for each design and strategy. Developed a maintenance management model to reduce the cost associated with a single plan. Also, assess the carbon footprint of each proposal.

References

References available upon request