

# DHVANILKUMAR D. SHAH

13524, 96th st, #2, Ozone Park, NY- 11417 | PH NO: +1 (347)-825-7450  
<https://www.linkedin.com/in/dhvanilkumar-shah-9b995b112> | [dds393@nyu.edu](mailto:dds393@nyu.edu)

## PROFESSIONAL OBJECTIVE:

Seeking fulltime opportunity to learn and establish my self as successful traffic engineer essentially in an organization wherein I can apply my theoretical knowledge with practical skillset.

## ACADEMIC QUALIFICATIONS:

<u>QUALIFICATION</u>	<u>UNIVERSITY</u>	<u>YEAR</u>	<u>GRADE</u>
MS Transport Planning & Engineering	NYU	May 2017	3.23/4.00
B.E. Civil Engineering	GTU	May 2015	7.66/10.00

## TECHNICAL SKILLS:

ArcGIS		Microsoft Office	
AutoCAD		Synchro Sim Traffic	
CUBE		Micro Station	
HCS,HCM		Primavera	

## AREAS OF INTEREST:

Transportation infrastructure planning and design	Risk Analysis
Financial Assessment	Feasibility Assessment
Project Management	Public transportation planning
Traffic Simulation	Strategy formulation
GIS	Parking Design

## PROFESSIONAL EXPERIENCE:

### **New York City Transit - Intern (Dept. of Buses)** Nov. 2016 - Present

- Learning of project management skills by being empowered and responsible for major and minor projects that will be worked together with administrative staff.
- Analyzing risks for buses in emergency.
- Data collection of NYCT buses and analysis of bus timings.
- Working on DOB Policies, procedures and training methodologies.

### **GRICL (IL&FS Pvt. Ltd.) – GET (Traffic Dept.)** July 2015- Dec. 2015

- As a traffic engineer, responsible for carrying out and supervising traffic surveys.
- Analyzed data with various software and checked it's viability for the project.
- Ensured cost effectiveness of project while allowing high quality construction by value engineering.

### **L&T CONSTRUCTION Pvt. Ltd. – Site Engineer** July 2014- March 2015

- Being acquainted with construction industry for the possibility of monolithic construction imperative to provide larger floor area at parking facilities and terminals.
- Report preparation on case studies of monolithic construction.

## ACADEMIC PROJECTS:

- Research paper on **Feasibility of GNSS Road Pricing**. (Singapore)
- Case study of **Ahmedabad Bus Rapid Transport System**. (site: Ahmedabad)
- **Risk Analysis** of two-storeyed residential building with a basement in a coastal area. (site : Coney Island, Brooklyn, New York)
- **Origin-Destination survey** of NYC Citi bike and it's usefulness in data collection with the help of **ArcGIS**. (Manhattan, New York)
- Conducted **traffic surveys** (CVC counts, Axle load survey, O-D survey) (site: Ahmedabad, India)
- Planning for transportation in United States as part of **Vision 2050**.
- Research paper on **Intelligent Freight Transportation Systems**.
- Case study of **Monolithic construction for High-rise Residential building** and bagged the prize in the university level event for the same. (site: Ahmedabad, India)
- **Surveying** of river bed using dumpy level and total station. (site: Gandhinagar, India)
- **Scheduling and Estimation** for high-rise residential building using Primavera P6.
- **Formulation of T.P Scheme and Infrastructure Elements** including Roads and Transportation at district level and it's Integration with the larger plan. (site: Ambli, Ahemdabad, India)
- Study for developing higher insight of street as a place in which the elements of urban planning interact. (site: C.G.Road, Ahemdabad)

## POSITIONS OF RESPONSIBILITY:

- Appointed as **Sports secretary** in the university during my undergrads.
- Reported at **IRC** (Indian Roads Congress).
- Represented Gujarat in **National level martial arts championship**.
- Established a social group which do community service towards senior citizens.
- Active member of **ITE**. (Institute of Transportation Engineers)
- Active member of Student **ASCE**. (American Society of Civil Engineers)
- Winner of National Level Martial Arts Karate competition conducted by Sports Authority of India.
- Represented my city, Gandhinagar at state level Mental Arithmetic competition.
- Received First prize in Football championship organized by GTU.
- Represented my high school at State level Basketball competition.

## CERTIFICATIONS:

- Autodesk AutoCAD 2012 Training by Autodesk CAD center
- Fundamental Concepts related to ITS by ITE
- Opportunities & connected vehicles by ITE
- ITS app. For personal & public transportation by ITE

## LANGUAGE PROFICIENCY:

English 

Hindi 

Gujarati 

## RECOMMENDATIONS:

**Dr. A. M. Prabhakar**

Principal, VGEC,  
Ahmedabad,  
India.

Email: [principal@vgecg.ac.in](mailto:principal@vgecg.ac.in)

**Ms. Phakeshia Murphy**

General Superintendent,  
West Farms Depot, NYCT,  
New York, NY.

Email: [phakeshia.murphy2@nyct.com](mailto:phakeshia.murphy2@nyct.com)