

Vishva Rathod

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EDUCATION

Master of Science in Architectural, Urban and Regional Design
New York Institute of Technology, Manhattan, New York

New York City, NY, USA
2021 - 2022

Relevant Coursework: Community Outreach, Urban Planning, Urban Climate Analysis, International Planning, Economic Development, Real Estate Development, Public Policy Analysis, Environmental Planning, Climate Resilience, Environmental Impact Analysis.

Bachelor of Urban Planning
Nirma University, Gujarat, India

Ahmedabad, GJ, India
2017 - 2021

Relevant Coursework: Demography And Urbanization, GIS And Remote Sensing, Governance & Policies Analysis, Transportation Planning, Network Analysis, Affordable Housing, Research & Data Analysis, Regional Planning, Zoning Regulation, Sustainability Planning, Infrastructure Planning, Land Use Planning, Policy Development, Feasibility Study.

PROFESSIONAL EXPERIENCE

GZA GeoEnvironmental INC.
Planner II, Environmental Planner

Northern New Jersey, USA
Aug 2023 – Present

- Experienced in zoning, policies, and permits for urban redevelopment projects. Managed multiple rezoning, BSA and few special permits, school and dispositioning permits ensuring zoning compliance. Played a key role in sustainable land development initiatives and policy implementation by generating Environmental Assessment Statement (EAS) reviewing CEQR technically manual.
- Experienced in community engagement for projects ranging from 160,000 to 200,000 sf, conducting Reasonable Worst Case Development Scenario (RWCDs) Analysis and cartography. Skilled in managing EAS Short forms and full forms and involving key stakeholders for project planning and execution. Collaborated with DCP, DPR, DOT, BSA, HDP, and LPC to ensure successful project outcomes.
- Applying public policy directives to urban planning projects. Was a part ProvePort Master Plan RFP, RI and City of Yes Housing Opportunity public policy integration and zoning amendments, ensuring alignment with environmental, social, and economic objectives.

Skills Acquired: CEQR Review, City Department Forms & Documents, Trip Generation, Shadow Analysis, Noise Monitoring.

RAVEN Architecture + Urban Design, LLC
Urban Design Coordinator, Research Assistant

New York City, USA
Aug 2022 – Aug 2023

- Collaborated with National Science Foundation (NSF) and NASA Goddard to project Land Surface Temperature for 2050 and implemented supply chain management to address affordability and availability issues in food and housing and designed prototype to target carbon footprint with climate resilient morphologies for high-density districts to address green infrastructure, mobility, and housing needs in various zones.

Skills Acquired: Supply Chain, Economic Mobility, Green Infrastructure, Space Design, Spatial & Risk Analysis, Geospatial Analysis.

Krishna Environ Engineers Ltd.
Research Assistant

Ahmedabad, India
Jan 2020 – Jun 2021

- Worked on rural infrastructure management, adept at conducting research and analysis to develop reports on community revitalization strategies. Skilled in facilitating public involvement processes and identifying needs based on population and economic trends.

Skills Acquired: Public Outreach, Financial Planning, Data Analysis & Interpretations, Public Engagement, Budget Management.

Infinity Infra (ISO Certified)
Planner I

Ahmedabad, India
Apr 2020 – Jun 2020

- Researched and analyzed land use distribution for project development, utilizing GIS tools and databases. Assessed residential, commercial, and industrial properties to determine investment guidelines and compliance with zoning regulations.

Skills Acquired: Land Valuation Management and Land Rates, Site suitability analysis, Data visualization, Public Private Partnership.

TATA Consulting Engineers Ltd.
Intern

Gandhinagar, India
May 2019 – Jun 2019

- Cost estimation and policy framework for smart city infrastructure, developing a prototype for pedestrian network and road landscaping.

Skills Acquired: Infrastructure Demand Analysis, Network analysis, Design of public space and Landscaping, Policy Analysis.

PROJECTS

Regional Master Plan

Agra, India

- Utilized zoning methodology, site surveys and traffic simulation software to promote high density and sustainable development along transit lines. Development plans to improve mobility, connectivity and reduce carbon footprints, using remote sensing and traffic analysis.

68-74 & 71 -74 Yellowstone Boulevard Rezoning

New York City, USA

- Prepared EAS for proposed rezoning project of 146,099 gross square feet involving zoning map and text amendments from R4/C1-2 to R7X/C2-4. Analyzed impact on land use zoning, shadows, historic resources, urban design, open space, hazardous materials, air toxics, noise monitoring, and public health for redevelopment of grocery store into mixed-use development with 154 dwelling units.

SKILLS AND CERTIFICATION

Technical: Microsoft Office Suite, Adobe Creative Suite, ArcGIS, City Engine, SketchUp, Google Engine, AutoCAD, AutoMap, Rhino (Grasshopper, Ladybug), Midjourney, Lumion & QGIS, Revit, MapInfo, Geo-Server, Google Earth, VISSIM, PostGIS, ZoLa, ZAP.

Soft skills: Project management, Research and data analysis, Problem-Solving, Critical Thinking, Analytical Reasoning, Creative, Budgeting and Project Setup, Cost estimation, Coordinate with local government and agency, Generating reports and statement.

Area of interest: Sustainable & Environmental development, Community Development, Infrastructure development, Land use planning, Transportation, Housing, Regional Planning and policies, Historic preservation, Rezoning and redevelopment, Economic development.

Online Courses and Certificates: UT GIS Certified Course, UT Rhinoceros (Grasshopper), AutoCAD Advanced.