

Vishva Rathod

AICP | LEED Green Associate | PMP

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PROFESSIONAL EXPERIENCE

Planner III / Senior Planner

09/2024 - Present

Cumberland County Government

North Carolina, USA

- Serve as Project Manager for 200+ mixed-use, industrial, residential, and commercial projects, and interpret complex local zoning ordinances and state subdivision regulations to ensure regulatory compliance.
- Advise property owners, developers, and other stakeholders on regulatory feasibility and zoning constraints, and facilitate community-based planning forums and public hearings to capture stakeholder feedback on proposed developments.
- Serve as a Zoning Planner, Watershed and Plat Review Officer, and facilitate approvals for complex development applications by preparing and presenting technical staff reports at quasi-judicial and legislative hearings and resolving critical rebuttal inquiries.
- Process a diverse portfolio of entitlement applications including Rezoning, Special Use Permits, Linear Projects, and Site Plans for developments ranging from 1-acre infill lots to 200-acre+ subdivisions.
- Serve as Acting Current Planning Manager during leadership absences, directing departmental workflows and chair the Development Review Committee (DRC) By streamlining technical feedback from multi departmental teams like EDC, fire, engineering, and utilities etc. Achieved a 10% reduction in permit processing time and improved overall regulatory accuracy.
- Enhanced regional transit connectivity by representing the planning team on the Fayetteville Area Metropolitan Planning Organization (FAMPO) Transportation Advisory Committee.

Planner II / Environmental Planner

08/2023 - 05/2024

GZA GeoEnvironmental INC.

New Jersey, USA

- Managed complex discretionary approvals (BSA Special Permits, Rezoning, ULURP) by liaising with multi-agency stakeholders, including DCP, DOT, LPC, and HPD, to resolve regulatory conflicts and facilitate urban redevelopment.
- Delivered comprehensive Environmental Assessment Statements (EAS) for projects up to 200,000 sq. ft., ensuring CEQR, SEQRA, and NEPA compliance through Reasonable Worst Case Development Scenarios (RWCDs) modeling, cartography, and 20+ field operations (noise, air, and traffic studies).
- Performed advanced transportation modeling, including Origin-Destination (O-D) analysis and Trip Assignment using US Census data to forecast travel demand along key corridors.

Urban Design Coordinator, Research Assistant

08/2022 - 08/2023

RAVEN Architecture + Urban Design, LLC

New York, USA

- Collaborated with the NSF and NASA Goddard on Urban Design Climate Workshop (UDCW) and projected 2050 climate-ready infrastructure needs using LST forecasting by integrating demographic growth data with digital parametric modeling of planned high-density urban development and strategic land use.
- Engineered 1.5°C cooling solutions using ArcGIS and Grasshopper, validated through UTCI metrics to measure the impact of green and water-based infrastructure.

EDUCATION

New York Institute of Technology

New York City, NY

Master of Science in Architectural, Urban and Regional Design

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

Nirma University

Ahmedabad, India

Bachelor of Urban Planning

2017 - 2021

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

SKILLS & CERTIFICATIONS

Certifications: AICP, PMP (Project Management Professional), LEED Green Associate, UT GIS Certified, AutoCAD

Technical:

- **GIS & Spatial Analysis:** ArcGIS, QGIS, MapInfo, PostGIS, Geo-Server, ZoLa, ZAP.
- **Environmental & Parametric Modeling:** Rhino (Grasshopper, Ladybug), City Engine, Python.
- **Design & Drafting:** AutoCAD, SketchUp, Revit, AutoMap, Adobe Creative Suite.
- **Visualization & Transportation:** Lumion, VISSIM.

Areas of Interest: Sustainable & Environmental Development, Community Development, Infrastructure, Land Use Planning, Transportation, Housing, Historic Preservation, Economic Development