Ramya Ganta

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OBJECTIVE

Eager to leverage my passion for civil engineering, I am committed to immersing myself in diverse roles within renowned companies to acquire comprehensive experience and proficiency across all sectors of the field. My ultimate aspiration is to be a successful civil engineer. Through diligent work as an employee, I aim to cultivate a robust skill set and understanding, ensuring a solid foundation for future endeavors. Seeking opportunities to contribute to a reputable company aligned with my career trajectory, I am dedicated to continuous learning and making significant contributions to the advancement of civil engineering practices.

EDUCATION

University of New Haven- West Haven, CT   *Dec2023 - Present*
Civil Engineering, MS | CGPA – 3.38/4 (current GPA)
- Relevant Coursework: Green Building Design, Construction Estimating & Scheduling, Construction Inspection, Construction Accounting & Finance, Sustainable Engineering, Building Design, Engineering Entrepreneurship, Infrastructure Protection & Resilience, Advanced CAD.

Tirumala Engineering College- Andhra Pradesh, India   *Aug2018 - Sep2022*
Civil Engineering, B. Tech | CGPA – 8.19/10
- Relevant Coursework: Building Materials, Surveying, Construction & Planning, Structural Analysis, Design of Reinforced Concrete Structures & Steel structures, Geotechnical Engineering, Transportation Engineering, Pavement analysis and Design, Remote Sensing& GIS app, Revit, AutoCAD, Concrete Technology, Water Resource Engineering, Hydraulic Mechanics.

WORK EXPERIENCE

Role: *Intern*   **Duration***: Jan 2022 - Mar2022*
Company: *Government of Andhra Pradesh Municipal Administration Department, India.*
- Conducted surveys under town planning supervisor & surveyor around the vicinities of Vinukonda in state of Andhra Pradesh.
- Successfully collected missing survey points and conducted thorough cross-checks of previous survey data.
- Utilized ArcGIS software to interpret collected data and transformed it into a Geographic Information System (GIS).
- Played a key role in plotting maps for landscaping and development projects using GIS technology.
- Contributed to the creation of detailed landscape maps aimed at facilitating urban development.
- Presented the finalized landscape maps to public authorities for further future development activities of Vinukonda.

ACADEMIC PROJECTS

Case Study - "Help Delhi Breathe" Campaign   *Dec - 2023*
- Engaged in a collaborative effort focusing on sustainable engineering principles within the framework of the "Help Delhi Breathe" campaign. Conducted thorough research to elucidate the campaign's advantages and its pivotal role in fostering sustainable development in Delhi. Explored its positive ramifications on environmental sustainability and public health, emphasizing its pertinence in tackling urgent urban challenges.

Business Idea Development, Self-Cleaning Buildings   *Dec - 2023*
- Participated in a team effort aimed at conceptualizing a business venture centered on self-cleaning buildings. Formulated a robust business case encompassing cost projections, payback period evaluations, and essential prerequisites for the effective realization of the pioneering business concept. Showcased entrepreneurial acumen and strategic foresight through the proposal of a sustainable and visionary idea.

Construction Estimation and Scheduling, Roger Sherman Elementary School   *Mar - 2023*
- Led a comprehensive project focusing on estimating total demolition and construction expenses while devising schedules for Roger Sherman Elementary School. Leveraged RS Means data alongside Primavera P6 software for precise cost estimation and scheduling alignment. Played a vital role in the bidding phase by offering critical perspectives on cost forecasts and project timelines, enhancing overall project management efficiency.

GIS Project for Master Plan, Chilakaluripet   *May - 2022*
- Directed a project in my undergraduate studies centered on crafting a Master Plan for the rapidly evolving town of Chilakaluripet within the Chilakaluripet constituency. Proficiently employed GIS technology, notably ArcGIS software, to generate shapefiles and construct an inclusive Master Plan. Collaborated closely with the commissioner and town planning department, integrating provided data to ensure precision and appropriateness throughout the planning endeavor.

PROFESSIONAL DEVELOPMENT

- Certification: **NHI-134108**: Plan Reading Series.
- Attended 15 day's workshop on **AUTOCAD**, **REVIT** conducted by Andhra Pradesh State Skill Development Corporation (**APSSDC**).
- Attended a five-day national level online short-term training program on **PRACTICAL HYDROLOGY** conducted by Tirumala Engineering College held from 13-07-2020 to 17-07- 2020.
- Participated in a three-day national level online student development program on **Advanced Technologies in Civil Engineering** (ATCE) held from 18-06-2020 TO 20-06-2020.

SKILLS

AutoCAD, Sketchup, ArcGIS, Primavera P6, Revit Architecture (Beginner level), Microsoft Office.