

Chandini Raju

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[linkedin.com/in/chandini-raju](https://www.linkedin.com/in/chandini-raju)

SKILLS SUMMARY

- GIS Technician with 1+ years of expertise
- Proficient in diversified skills, including administration, management, and technical applications
- Achieved skills in using databases to solve spatial problems, proficient in handling diverse data sources, formats, and coordinate systems for effective problem-solving
- Assisted in gathering and managing geographical information and created maps and reports to visualize and share data
- Mastered GIS systems for decision support and modeling, while effectively communicating complex geographic data to diverse clients through text, maps, and visuals
- Developed excellent written and verbal communication skills in customer service and research roles, contributing to effective teamwork and client relations
- Known for a keen eye for detail, which has resulted in improved processes, increased efficiency in various projects and consistently error-free reports and documents
- Supported a team of four in successfully launching new projects, demonstrating strong interpersonal skills and proficiency in employee performance management
- Adept at completing tasks on time with minimal guidance, skilled in problem-solving and equipped with a high stress tolerance, honed through academic studies and co-op work experiences
- Acquired leadership skills while leading a team of five members in designing and executing a circular bridge project during undergraduate program
- Applied research skills to lead a successful solid waste management project using ArcGIS 10.2, collaborating with government agencies, and achieving an 80% success rate in delivering findings
- Personal interest and dedication to data quality, web mapping, and database maintenance
- Demonstrated ability to engage and captivate diverse audiences through clear, persuasive presentations
- Valid Class 5 driver's license

EDUCATION

Geographic Information System (GIS)

September 2023 - April 2024 (Expected completion)

Fanshawe College, Ontario

- Proficient in creating elegant and efficient computational algorithms, maps
- Expertise and familiarity with diverse GIS software platforms, including ARCGIS PRO and Google Earth
- Integration of GIS component design and development into project and systems life cycle management
- The program offers a four- month cooperative internship opportunity within the field of Geographic Information Systems (GIS).

Civil Engineering

June 2013 – April 2017

Bachelor of Technology, Cochin University of Science and Technology Kerala, India

- Knowledge of construction processes, materials, and site management gained through coursework and on-site visits.
- Acquired practical skills in land surveying techniques, including topographic surveys and site measurements.
- Adept at preparing technical reports and documentation
- Demonstrated ability to work collaboratively in multidisciplinary teams to achieve project goals efficiently.
- Understanding of local building codes, safety regulations, and compliance standards
- Maintained a GPA of 3.4 and thus received a scholarship
- Published an international journal paper based on the completed project.

RELATED EXPERIENCE

Environmental Researcher

Mar 2019 – Feb 2020

Centre for Environment and Development, India

- Independently developed and executed a project on solid waste management.
- Utilized Arc GIS 10.2 to identify optimal landfill sites for municipal solid waste.
- Collaborated with multiple government offices to obtain up-to-date data for the project.
- Successfully submitted research findings to the government with an 80% success rate.

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- Maintained professional relationships with officials throughout the project duration.
- Produced various maps essential to the project, including base maps, drainage networks, transportation networks, land use maps, digital elevation models, contours, slopes, aspects, and triangulated irregular networks.
- Managed the compilation and organization of map data, ensuring accuracy and reliability.

OTHER EXPERIENCE

Project coordinator

Oct 2021 – Nov 2022

Nzure Tech, New Brunswick, Canada

- Coordinated multiple project teams supporting the Project Manager in establishing and implementing new projects.
- Researched vendors for pricing, resources, and staffing needs.
- Interpreted specifications, proposals, and company policies for employees.
- Conducted regular meetings, ensuring cooperation among team members and resolving project issues.
- Managed communication among team members, stakeholders, and clients, maintained project files, and handled administrative tasks.

Administrative Assistant

Nov 2018 – Feb 2020

Royal falcon machinery spare parts trading LLC, United Arab Emirates

- Efficiently managed office equipment repairs and vendor communication.
- Organized supervisor's schedule and travel plans while coordinating appointments and meetings.
- Ensured smooth communication with vendors, contractors, and service personnel for accurate orders.
- Streamlined staff meetings, maintained corporate records, and recorded meeting minutes.
- Prioritized staff well-being, scheduled meetings, and supported business development with impactful presentations and informed decision-making through industry research.

CO-OP

Closed Circuit Infinite Bridge-A Breakthrough in Beach Infrastructure

Nov 2016 – Apr 2017

India

- Led a team of five members in designing the Circular Infinite Bridge as the Capstone Project leader.
- Introduced an innovative circular seashore structure concept at Kovalam Beach, Kerala, India, enhancing its visual appeal and tourism attraction.
- Conducted thorough pre-design surveys, receiving positive feedback from tourists and locals.
- Engineered a unique bridge with half on land and half on water, utilizing high-quality materials like ISHB 450, ISHB 150, ISA 100X50X10, concrete beams, glass, and pile foundations.
- Verified the design's structural integrity through rigorous analysis using STAAD Pro V8i software and published a journal paper, gaining recognition for the project.

CERTIFICATIONS

- **ISO 14001:2015 Environmental Management system** May 2021
Udemy
- **Geoinformatics** Mar 2019 – July 2019
Centre for Environment and Development, India
- **Tally ACE** Aug 2017 – Nov 2017
Prasanth Computer College, India

TECHNICAL KNOWLEDGE

- Windows 10
- MS Office Suite
- Mac OS
- Zoom Meeting
- Skype
- TeamViewer
- MS Teams
- Google meet
- Google Earth
- Arc GIS Pro
- AutoCAD
- Staad Pro V8i