Srikar Kovirineni

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Professional Summary

Results-oriented energy professional with a strong foundation in data analysis, regulatory assessment, and a deep understanding of California's evolving energy landscape. Seeking to apply my analytical skills and policy knowledge to drive strategic solar project development, ensuring successful execution and stakeholder collaboration.

Skills

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| * Solar Project Development | * Regulatory Analysis | * Financial Analysis |
| * Landowner Negotiations * Interconnection Processes | * Project Management * Policy Research | * Solar Project LCA Tools * Carbon Accounting Principles |

Education

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| **Master of Science - Energy Systems Management**  *University of San Francisco, California* | May 2025 |

* **Energy Industry Strategy**: Analyzed the interplay of California's Low Carbon Fuel Standard (LCFS), Cap-and-Trade program, and renewable energy mandates, assessing their impact on solar project financing and decarbonization strategies.
* **Financial Analysis**: Evaluated California's regulatory frameworks, analyzing permitting timelines, and modeled their impact on renewable energy project economics.
* **Quantitative Methods:** Applied statistical analysis and modeling techniques to evaluate energy system performance and economic viability.
* **Introduction to Microgrids**: Led development of innovative decentralized energy solutions addressing local and global challenges, analyzing policy, social impact, finance, and technical design.
  + **Site Assessment**: Evaluated site suitability, solar resource, and grid constraints for a 200kW Solar-Hybrid microgrid to optimize design and regulatory compliance.
  + **Interconnection:** Collaborated with CERAF-NORD to address interconnection requirements, ensuring grid compatibility and alignment with regional technical standards.
  + **Financial Feasibility**: Performed financial modeling to determine project feasibility and a target LCOE of $0.34/kWh, aligning with industry benchmarks.
* **Current and Future Courses:** Renewable Energy Economics, Renewable Energy Technologies, Energy Law, Electricity Systems, Renewable Energy Finance, Energy Policy, Integrated Resource Planning, Energy Practicum
* **Additional Certifications:** Solar Project Finance Basics: PPA Structures, LCOE Modeling (Coursera, January 2024)

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| **Bachelor of Science - Environmental Science**  *Carleton University, Ottawa, Ontario* | April 2022 |

Experience

*June 2022-August 2023*

**Environmental Data Analyst**

**Environment and Climate Change Canada | Burlington, Ontario**

* Managed datasets and performed rigorous analysis to support environmental impact assessments and ensure regulatory compliance.
* Analyzed sediment core data to assess chemical contamination, contributing insights to environmental assessments and peer-reviewed publications.
* Improved efficiency of 3+ freshwater research projects through data management, process optimization, and adherence to safety protocols.
* Collaborated with national research teams and the NLET to assess chemical impacts and develop remediation strategies for publication.

*January 2021-August 2021*

**Digital Marketing Manager**

**Liberty Services & Products | Toronto, Ontario**

* Leveraged data-driven analytics to optimize digital marketing campaigns, exceeding targeted engagement and lead conversion metrics.
* Designed targeted marketing strategies aligned with sales goals, boosting lead conversion and exceeding ROI targets.