# Rajkumar Arkuti

Data Analyst

Data Analyst with 4+ years of experience in Data Analysis, Predictive Modeling, Energy Efficiency, Sustainability, Energy project management, Process Digitalization, IoT Product Management, IoT Product Research and Development. Expertise in establishing and maintaining client relationships as well as making solid, time-sensitive decisions. Exceptional capacity to execute several challenging assignments while exceeding performance targets on a regular basis.

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## WORK EXPERIENCE

**EcoEnergy Insights (CARRIER).**                        *Bengaluru, India*

**Data Analyst**                                         *05/2022 - Present*,

*Achievements/Tasks*

- Create Predictive machine learning models (Random Forest, Decision Trees, Clustering and Naïve Bayes)
- Prepare Measuring and verification saving calculations
- Create dashboards to find real time deviations Spotfire
- Working with management to prioritize business and information needs Identifying, analyzing, and interpreting trends or patterns in complex data sets
- Communicating Analytics insights with management in a simple and considerable format (PPT and Dashboards)
- Applying Statistics in real time problems

**SavEn India Energy Management Pvt Ltd.**              *Pune, India*

**Product Analyst**                                      *01/2021 - 05/2022*,
**Energy Analyst**                                       *05/2019 - 12/2020*,
**Executive Trainee**                                    *04/2018 - 04/2019*,

*Achievements/Tasks*

- At a 5-star hotel, I developed and implemented an energy-efficient heat pump solution project that resulted in an outstanding **savings of Rs. 3.5 million and 7.8 tons of $CO_2$ emissions per year.**
- Implemented an energy-efficient lighting project at a heavy engineering firm, which resulted in a **1.5 million rupees annual savings.**
- Analyze heat pump data to find actionable insights and improve **COP from 3.5 to 4.2** which boost up **20% more energy savings using ML algorithms**
- Lead a data science team and instruct them on energy data and concepts so they can use machine learning methods to uncover actionable insights.
- Digitalization of utilities and processes to improve efficiency
- Prepare BOQ and financial models for digitization projects and implement
- Collaborate closely with the product development team on Energy-related factors to build new features that will enhance the user experience.
- Create dashboards and reports to track product performance.
- Collaboration with industry clients on product operation feedback and advice to the product development team on how to improve the product.
- Monitoring and verification of energy projects (ESCo)
- Assessment efficiency of Building HVAC system, Chiller Plant, AHU's, Air Compressor, pumping system, Cooling Tower, Ventilation system, Lighting system, Boiler Plant, Heat pumps, Transformer system using various field instruments

## SKILLS

Client Relationship Management   Data Analytics
IoT   SQL – Data Fetching
Product Management   Product Analysis
HVAC   Machine Learning   Spotfire
Vendor Management   Sustainability
Python – Data Science

## EDUCATION

**Electrical & Electronics Engineering**
Jawaharlal Nehru Technological University, Hyderabad
*06/2015 - 07/2019*,

**Global Certificate in Data Science**
INSAID, Gurugram
*12/2021 - Present*,

## CERTIFICATES

Google Data Analytics (06/2021)
*Google Data Analytics Professional Certificate have completed eight courses, developed by Google, that include hands-on, practice-based assessments and are designed to prepare them for introductory-level roles in Data Analytics. They are competent in tools and platforms including spreadsheets, SQL, Tableau, and R. They know how to prepare, process, analyze, and share data for thoughtful action.*

## PROGRAMMING LANGUAGES

Python
*Professional Working Proficiency*

## INTERESTS

Road trips   Volleyball   Technology