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**Director, AI**

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SavedSaved Director, AI  at NRG Energy

**Your AI-powered job assessment**

* Am I a good fit?
* Tailor my resume
* How can I best position myself?

**People you can reach out to**

* A person in a black suit

  AI-generated content may be incorrect.
* A person smiling with his hand on his chin

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* A person smiling at camera

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**About the job**

Welcome to the intersection of energy and home services. At NRG, we’re driven by our passion to create a smarter, cleaner and more connected future.  
  
Vivint Smart Home, an NRG owned company, is a leading smart home company in the United States, dedicated to redefining the home experience with intelligent products and services. We find purpose in proactively protecting and keeping our customers connected to home, no matter where they are. Join the Smart Home team to create smarter, safer and more sustainable homes.  
  
**Job Summary:** As the Director of Product for AI, you will be responsible for shaping and executing the AI strategy for the Innovation Team. The AI team serves as a horizontal function that supports all vertical Innovation Teams, ensuring seamless integration of AI capabilities into the broader product portfolio such as cameras, energy devices, security devices or the mobile app. Your team will deliver proofs of concept, prototypes, capabilities, and features that will be integrated into the Vivint App and the Smart Home. You will partner with the vertical teams to develop innovative and tailored solutions that enhance energy management, security systems and the smart home experience.  
  
**Key Responsibilities**

* Shape and implement the AI strategy for the Innovation Team, aligning with vertical partners, business goals, and customer needs.
* Secure executives buy-in through compelling business cases, ROI frameworks, customer research and storytelling.
* Guide the research, design, and deployment of AI-driven capabilities that deliver personalization, automation and consumer value while following governance best practices.
* Oversee the development of machine learning models to predict energy consumption, detect anomalies, and enhance home automation.
* Work closely with product, engineering, design, and data teams within the Innovation Team to integrate AI capabilities into smart home devices and platforms.
* Drive innovation in AI applications such as person recognition, behavioral analytics, and anomaly detection for security enhancements.
* Ensure AI-driven features are user-friendly, secure, and compliant with industry standards and regulations.
* Manage partnerships with AI vendors, strategic partners, and technology providers.
* Stay ahead of emerging trends in AI, IoT, and home automation, applying relevant advancements to our product suite.

**Qualifications**

* Strong background in AI/ML with a proven ability to apply these technologies in customer-facing products.
* Demonstrated experience in customer-centric product development, ensuring solutions are built with a deep understanding of user needs and pain points.
* Experience with embedding agentic AI systems in customer facing products.
* Experience measuring the success of customer-facing AI experiences.
* Familiarity with developing and deploying AI-driven agents that adapt to user behaviors and focus on trust.
* Excellent at using a customer-back approach rather than an engineering-forward mindset.
* Ability to bridge the gap between technical teams and customer needs, translating AI capabilities into meaningful user experiences.
* Technical proficiency in machine learning, data science, and AI-driven automation, with the ability to partner across functional teams.
* Experience working with IoT, smart home technology, or consumer electronics.
* Strong problem-solving skills and ability to communicate complex AI concepts to both technical and non-technical stakeholders.

**Preferred Qualifications**

* Experience with energy management systems, demand response, or smart grid integration.
* Background in AI for video analytics, computer vision, or natural language processing.
* Knowledge of edge AI deployment for IoT devices.
* Familiarity with regulatory compliance for AI in home security and energy applications.
* Background in rapid prototyping or MVP development
* Knowledge of UI/UX design principles

Learn about the [Vivint Culture](https://www.vivint.com/company/careers) and why it is a great place to grow your career!  
  
Here are some highlighted perks you should ask us about:

* Free daily lunch and drinks on site
* Paid holidays and flexible paid time away
* Employee/Friends/Family Discounts
* Onsite health clinic, gym, gaming tables
* Medical/dental/vision/life coverage & 24/7 Medical Hotline
* 401(k) + Employer Match
* Employee Resource Groups
* Quarterly Innovation Weeks

**Working Conditions**This job operates in a professional office environment. This role routinely uses standard office equipment such as computers, phones, photocopiers, filing cabinets and fax machines.  
  
**Safety**Vivint enforces a safety culture whereby all employees have the responsibility for continuously developing and maintaining a safe working environment. Each new employee is responsible for completing all training requirements. Additionally, the employee must accept they have responsibility for maintaining the safety of themselves, their co-workers, and the public. Employee must adhere to all written and verbal instructions, promptly report and correct all hazards or unsafe conditions, question non-standard operations or unmitigated hazards, and provide feedback to management on all safety issues.  
  
NRG Energy is committed to a drug and alcohol-free workplace. To the extent permitted by law and any applicable collective bargaining agreement, employees are subject to periodic random drug testing, and post-accident and reasonable suspicion drug and alcohol testing. EOE AA M/F/Protected Veteran Status/Disability. Level, Title and/or Salary may be adjusted based on the applicant's experience or skills.  
  
EEO is the Law Poster (The poster can be found at http://www.eeoc.gov/employers/upload/poster\_screen\_reader\_optimized.pdf)  
  
Official description on file with Talent.