

Kevin Connolly

Team Leader - Technology Development @ Pratt And Whitney

Email: 7hj-2st-nxt@mail.dice.com

Summary

Previous	Engineering Manager @ Pratt And Whitney
Preferred	Data Analyst
Location	Midlothian, VA, US
Desired Work Settings	On-Site or Hybrid
Willing to Relocate	No
Work Authorization(s):	Authorized to work in the United States on a full-time basis.
Security Clearance Info:	US Citizen (for security purposes)
Employment Type	Full-time Contract - Corp-to-Corp Contract - Independent Contract to Hire - Corp-to-Corp Contract to Hire - Independent
Total Experience	5 years
Education	Bachelors @ University Of Hartford - Mechanical Engineering Masters @ University Of Connecticut - Business Analytics And Project Management
Profile Source	Dice
Profile Downloaded	Monday, December 9, 2024

Kevin Connolly

| Midlothian, Virginia | | www.linkedin.com/in/kevin-connolly-268b666

DATA ANALYST

DATA ANALYST ENTHUSIAST | SEASONED TEAM LEAD | PROBLEM SOLVER

Recently relocated and pivoting in my career with over 10 years of experience problem solving in technology development. I excel in cultivating relationships and collaboration to achieve a common goal. My expertise lies in aligning solutions with business strategies to drive operational efficiency and address key pain points. Skilled in data analysis and data storytelling, I leverage tools such as Python, Tableau, and SQL to transform complex data into actionable insights. As a passionate data analyst, I thrive on continuous learning and exploring new visualization tools and methods. My background equips me to support driving innovation and enhancing your company's capabilities with effective data-driven decision making.

SKILLS

Data Analytics | Data Visualization | Data Science | Relational Databases | Tableau | SQL | Python | Statistics | Excel | Microsoft Office | Communications & Collaboration | Teamwork | Project Management | Strategic Thinking | Problem Solving | Critical Thinking | Technology Development | Business Strategy | Predictive Modeling | SAS Time Series | SAS Enterprise Miner | Generative AI | Big Data | Apache Hadoop (Pig/Hive) | Google Cloud Platform | AWS

PROJECTS – See GitHub for Details: <https://viper5105.github.io/KevinConnolly.github.io/>

- **Risk-Based Business Decision Modeling in Python** – Cleaned and conducted exploratory data analysis on stock data. Built a portfolio that maximizes returns while minimizing risk using Python. Then simulated portfolio performance using 2022 stock data for various trading strategies. Project provided insights that Momentum Trading strategy was the best strategy, outperforming the S&P 500 by 8% in 2022.
- **Data Visualization in Tableau** – Collected, cleaned, and analyzed data from FDIC bank history dataset and consumer survey data. This project provided insights on the future of FinTech in U.S. banking industry by visualizing consumer transition to digital banking with Tableau

WORK EXPERIENCE

Team Leader / Technology Programs

January 2019 – July 2024

Pratt and Whitney

- Managed test data analysis and used insights to improve performance model prediction accuracy
- Used data analytics tools to gather, analyze, and interpret performance data, gaining insights for decision-making
- Worked closely with customers to develop technologies that strategically optimized engine performance
- Developed product roadmaps that strategically aligned with the business and customer needs
- Collaborated with a team of engineers who progressed technologies to support product roadmaps
- Responsible for technology validation initiatives which proved out technologies for insertion

Tender Manager & Engineering Lead / Steam Power Performance Projects

June 2015 - January 2019

General Electric

- Developed proposals and sales strategy for power plant projects; my team won one of the few large projects
- Help customers with technologies to reduce greenhouse emissions by up to 50%
- Conducted pre and post retrofit data analysis and used to create emissions prediction models with accuracy >90%

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Integrated Product Team Leader / Engine Development Programs

August 2010 - June 2015

Pratt and Whitney

Lead multi-discipline engineering teams and provide project management on gas turbine engine components:

- *Engineering Process Mapping*: Forecasted manpower requirements, developed sequence and cadence of engineering activities, created integrated engineering / manufacturing process
- *Engineering Team Lead*: Balanced trade studies perspectives from various disciplines, making decisions on product configuration to best meet customer requirements.
- *Supplier Management and Quality*: Focal point between engineering and suppliers, provided product definition, addressed drawing/specification interpretation questions, monitored supplier progress for on-time delivery

Design Engineer to Project Engineer / Steam Power Performance Projects

July 2001 - August 2010

Power Industry

- Lead integrated execution of all phases of engineering for boiler retrofit projects in collaboration with the project management team; was accountable for engineering quality, cost and schedule performance.
- Represented engineering as from contract initiation through procurement, ensuring that engineering is well-integrated with overall project execution.
- Provided technical input/guidance during bid stage, including participation in contract negotiations. Responsible for coordinating the design of after-market utility boiler burner projects from concept to fabrication. This burner equipment is custom-tailored to meet customer's requirements.
- Design leader for R & D projects which developed steam power technologies. These programs, funded by the U.S. Department of Energy (DOE), for the purpose of reducing power plant emissions for ALSTOM's utility boiler customers.
- Developed technical proposals that described burner project equipment and its impact on emissions performance.

EDUCATION

University of Connecticut – Storrs, CT

M.S. Business Analytics and Project Management (Data Science Concentration), Expected August 2024

University of Hartford – West Hartford, CT

B.S. Mechanical Engineering, May 2001

HOBBIES / INTERESTS

- Play saxophone in local community bands
- Food truck festivals and beer tasting
- Stay active outdoors with hiking, kayaking, biking, and running.