Steven R. Purcell

Virginia Beach, VA 23462 | 615-517-7482 | Steven.Ray.Purcell@gmail.com

Website: https://StevenPurcell.ninja

PROFESSIONAL SUMMARY

Data and Analytics Executive with extensive experience leading enterprise data strategy, business intelligence, artificial intelligence, machine learning, and advanced analytics initiatives across healthcare, government, and commercial organizations. Experienced in building multidisciplinary technical teams, modernizing enterprise data platforms, developing predictive analytics solutions, and translating complex data into business decisions. Combines hands-on expertise in Python, SQL, Snowflake, AWS, and modern AI/ML technologies with leadership in technical delivery, federal contracting, proposal development, and data governance.

PROFESSIONAL EXPERIENCE

Catalight | Director, Data & Analytics

April 2026 – Present | Remote

- Lead enterprise data and analytics strategy, including business intelligence, advanced analytics, data engineering, and AI/ML initiatives for clinical, finance, product, and operations stakeholders.
- Direct analytics teams and capabilities, providing technical leadership, resource planning, and professional development.
- Establish roadmaps for enterprise data architecture, analytics modernization, governance, predictive modeling, and self-service reporting.
- Lead modernization of the analytics ecosystem using Snowflake, Tableau Cloud, and cloud-native technologies.
- Direct predictive forecasting initiatives for provider costs, service utilization, and operational performance using Snowflake ML and statistical methods.
- Guide governance practices covering critical data elements, metadata management, data classification, access controls, and appropriate protection of PHI/PII.
- Partner with leaders across Finance, Clinical Excellence, Product, and Operations to translate business priorities into actionable analytics initiatives.
- Champion responsible AI adoption, automation, and standardized analytical development practices.

Keywords: Enterprise Data Strategy, Data & Analytics Leadership, Business Intelligence, Artificial Intelligence, Machine Learning, Snowflake, Tableau Cloud, Data Governance, Forecasting, Healthcare Analytics

Fruitful Intelligence LLC | Founder & Principal Data Science Consultant

January 2023 – Present | Virginia Beach, VA

- Lead an independent data science and technology consulting business focused on artificial intelligence, machine learning, data analytics, and technical solution development.
- Provide technical advisory and implementation support for predictive analytics, data engineering, workflow automation, and cloud-based solutions.
- Support customized analytics infrastructure and data-driven applications tailored to client needs.
- Apply Python, SQL, AWS, and modern data science technologies to design and implement analytical solutions.

Keywords: Data Science Consulting, AI/ML, Technical Advisory, Python, SQL, AWS, Analytics Engineering, Solution Architecture

InDev LLC | Senior Manager, Senior Data Scientist

January 2026 – April 2026 | Arlington, VA

InDev LLC | Manager, Senior Data Scientist

April 2024 – December 2025 | Arlington, VA

- Led AI/ML, data visualization, and advanced analytics initiatives supporting the U.S. Department of Homeland Security.
- Provided AI/ML subject matter expertise to the Office of the Chief Financial Officer.

- Led a multidisciplinary team of eight data engineers, analysts, DevOps engineers, and AI/ML engineers.
- Designed and directed the EDEN integrated data environment, reducing more than 40 hours of manual monthly reporting and projection work.
- Developed an AI-powered ad hoc reporting tool capable of creating SQL queries, executing analytics requests, and producing natural-language summaries.
- Supported delivery and acquisition of multiple federal contracts, including analytics solutions using more than four years of historical data.
- Directed cloud-based data integration and analytics solutions involving AWS, Apache Airflow, Python, SQL, and business intelligence tools.

Keywords: Federal Analytics, AI/ML Leadership, AWS, Data Engineering, Business Intelligence, Python, SQL, Apache Airflow, LLMs, Proposal Development

Southern New Hampshire University | Part-Time Adjunct Faculty, Data Analytics
March 2024 – August 2026 | Remote

- Taught graduate-level data analytics courses asynchronously online.
- Guided students in SQL, Linux, RStudio, and analytical techniques.
- Facilitated discussions, assessed coursework, and provided individual support and mentorship.

Keywords: Graduate Education, Data Analytics, Technical Instruction, SQL, Linux, RStudio

G2Lytics | Vice President of Technology
January 2021 – April 2024 | Nashville, TN

G2Lytics | Lead Data Scientist
October 2017 – January 2021 | Nashville, TN

- Designed, developed, and maintained predictive models using Python, Go, SQL, and AWS services including SageMaker, S3, and ECR.
- Supervised and mentored data analytics and engineering teams developing data-driven applications.
- Designed and developed the nForce sales-tax noncompliance detection application, using AI/ML to identify patterns of possible fraud.
- Collaborated with data architects and software engineers to integrate predictive models into automated solutions.

Community Health Systems | Systems Analyst
March 2017 – October 2017 | Green Hills, TN

- Ingested, cleansed, and validated healthcare data streams from approximately 170 hospitals.
- Automated early warning and detection of data ingestion issues.
- Prepared scheduled and ad hoc SQL queries for reporting and analysis.

edo Interactive | Data Analyst
May 2016 – January 2017 | Nashville, TN

- Analyzed credit and debit payment data and advertising campaign outcomes.
- Worked with cross-functional teams to explain drivers of campaign performance.
- Prepared and communicated analytical reports to internal teams and clients.

Austin Peay State University | Structured Learning Assistance Leader
August 2015 – May 2016 | Clarksville, TN

- Supported students in developing subject-specific learning and study skills.
- Analyzed student performance data to personalize academic support.
- Provided weekly performance reports to professors to inform program development.

Cheatham County Emergency Dispatch | Emergency Dispatch Supervisor
August 2008 – January 2012 | Ashland City, TN

Cheatham County Emergency Dispatch | Emergency Dispatcher
August 2007 – August 2008 | Ashland City, TN

- Supervised public-safety communications operations and staff compliance with established procedures.
- Coordinated emergency communications and implementation of response plans.
- Collected medical and emergency information and provided life-saving instructions to callers.

Pizza Hut | Shift Manager

March 2005 – August 2008 | Ashland City, TN

- Supervised staff and maintained food safety and service quality.
- Performed inventory analysis and forecasting to support purchasing decisions.
- Led employee training and development.

SKILLS

- **Executive & Delivery Leadership:** Data Strategy, Analytics Team Leadership, Stakeholder Engagement, Technical Program Delivery, Proposal Development, Agile
- **AI & Machine Learning:** Predictive Modeling, Natural Language Processing, LLMs, Model Training, Model Deployment, MLOps, scikit-learn
- **Data & Business Intelligence:** SQL, Python, Snowflake, Tableau, Business Intelligence, ETL, Data Governance, Pandas
- **Cloud & Platforms:** AWS, Airflow, Cloud Data Pipelines
- **Other:** Go, SAS Data Miner, Google Analytics, FinTech Analytics

EDUCATION

M.S., Data Analytics | Northern Illinois University, DeKalb, IL | August 2021

B.S., Applied Mathematics | Austin Peay State University, Clarksville, TN | May 2016