

Contact

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Top Skills

D3.js
Strategic Planning
Pay for Performance

Languages

English (Native or Bilingual)

Certifications

Generative AI for Product Managers
Automate Your Workflows with Generative AI
Telling Stories with Data
Advanced Prompt Engineering

Peter Shull, PharmD

Universal Translator (PharmD + BI Engineer) • Domo/D3 • Python/SQL • AI & Strategy | I align clinical & technical teams to ship one system everyone uses: faster, cheaper, adopted.

North Augusta, South Carolina, United States

Summary

Why do so many complex data and IT projects fail?

Often, it's a translation problem. Stakeholders, data engineers, and C-suite leaders speak different languages, leading to misalignment, stalled projects, and solutions nobody adopts.

I am the "Universal Translator" who bridges that gap.

As a PharmD with 5+ years in data analytics, I don't just hear a request for a dashboard; I understand the business workflow and financial drivers behind it. I translate complex business needs into technical specifications for engineers, and then translate the resulting data back into actionable, executive-level insights.

My approach is focused on one thing: shipping solutions that deliver measurable business impact.

My track record (primarily in healthcare) proves this capability:

- Slashing operational costs by 96.7% by re-architecting a mission-critical dataflow.
- Increasing user engagement by 80% after migrating and redesigning 70+ dashboards to DOMO.
- Reducing dashboard setup time from 8 hours to 30 seconds by developing a custom Python API.
- Improving care gap closures by 20% and lifting provider reimbursements by 15% at a 65,000+ patient CIN.
- Recovering \$160K in Medicare revenue by designing a data-driven audit.

Deep Expertise in Applied AI & Next-Gen Tech

For nearly four years, I have run a self-directed, hands-on R&D program to master the practical applications of AI. My focus is on moving beyond theory to build, test, and deploy real-world solutions.

My hands-on experience includes:

- Training & Fine-Tuning: Training LLMs on domain-specific knowledge and fine-tuning RVC/TTS vocal models.
- Complex Workflows: Creating and testing multi-agent workflows.
- Full-Stack Development: Building and deploying RAG pipelines, real-time voice assistants, and generative image workflows.
- Advanced Prompt Engineering: Continuously testing and mastering new techniques to assess and improve LLM output for business use cases.

My goal is to position myself to help organizations cut through the hype. I stay current on the limitations and capabilities of AI so I can identify use cases that will actually drive results.

While my strongest quantified results are from healthcare, my expertise in data strategy, complex problem-solving, and AI-driven innovation is industry-agnostic.

I'm always open to discussing new challenges in any sector. Let's connect.

Feel free to reach out to me directly on LinkedIn or at
shullp05@gmail.com

Experience

Clearview BI

Senior Solutions Engineer (Founder/Principal Consultant)

May 2025 - Present (8 months)

North Augusta, South Carolina, United States

Engaged on a long-term contract to serve as a subject matter expert and senior solutions engineer for their core, client-facing BI product.

- Re-architected a mission-critical, client-facing dataflow by consolidating 30 disparate processes into a single, efficient workflow, slashing operational costs by 96.7% (from 30 credits to 1) per execution.
- Acted as the lead Domo Subject Matter Expert for a key enterprise client, successfully delivering custom BI solutions where previous vendors had failed, resulting in the direct acquisition of future long-term contracts.
- Engineered and deployed custom data pipelines integrating Google BigQuery, Oracle databases, and the Domo BI platform, developing custom APIs with Python to enable seamless automation and data flow.
- Designed and built advanced, interactive data visualizations using D3.js to translate complex datasets into actionable insights for executive-level stakeholders.

BlueBin Inc.

Business Intelligence Program Manager

March 2023 - July 2024 (1 year 5 months)

Seattle, Washington, United States

BlueBin Inc. designs and implements efficient supply chain systems to ensure that healthcare organizations and clinicians have the supplies they need, combining a cutting-edge BI analytics platform and on site Kanban signaled visual replenishment system.

Responsibilities:

- Led the migration and redesign of business intelligence dashboards
- Developed automation solutions to streamline dashboard creation processes
- Created and implemented training programs for employees and clients
- Managed cross-functional teams to align BI initiatives with business goals

Key Achievements:

- Increased user engagement by 80% by migrating 70+ dashboards from Tableau to DOMO, accomplishing this through intuitive redesign and custom visualizations
- Reduced dashboard setup time from 8 hours to 30 seconds, improving productivity by 99%, by developing a custom Python API
- Boosted site audit submission rates by 40% while enhancing data accuracy by designing a Microsoft Power App for streamlined auditing processes
- Empowered 100+ employees and clients to fully leverage DOMO's features by creating 20+ on demand training tutorials

Tech Stack & Tools:

DOMO, Tableau, Python, SQL, Azure JavaScript, API Development, Microsoft Power Apps

Premier Health Network

Senior Data and Project Manager (Sole Department Member)

June 2021 - September 2022 (1 year 4 months)

Augusta, Georgia, United States

As the sole data professional reporting directly to the CEO, I built the BI function from the ground up for a Clinically Integrated Network (CIN) serving 50,000+ Medicare Advantage (Dual Eligible) and 15,000+ Medicaid patients, managing all reporting, data governance, and C-suite stakeholder alignment for our Medicare Advantage contracts.

- Acted as the central data strategy 'translator' for our Dual Eligible population, leading weekly strategy meetings with national payers including Aetna, Humana, United, and Blue Cross Blue Shield to translate complex risk models into provider-facing Power BI dashboards, directly resulting in a 20% improvement in care gap closures.
- Translated complex stakeholder requirements into a unified technical plan, successfully un-blocking and delivering two stalled, multi-million dollar IT projects that integrated 36 EMRs, 110 private practices, and a Health Information Exchange (HIE).
- Translated complex CMS reimbursement criteria into a data-driven audit, identifying undocumented exclusions to recover \$160K in Medicare revenue previously deemed unrecoverable.
- Designed, built, and 'translated' complex financial models into transparent, patient-level Power BI reports, increasing provider satisfaction and trust by 20%.

Tech Stack & Tools: Power BI Dashboards, SQL, Python, Tableau, Value-Based Care Analytics (STARS/HEDIS), Medicare Advantage & Dual Eligible Reporting, Excel, EMR systems, Health Information Exchange (HIE) platforms, Clinical Informatics, Healthcare Information Systems, HIPAA

Thinkful

Professional Development

November 2020 - June 2021 (8 months)

North Augusta, South Carolina, United States

Thinkful offers an intensive, structured, full-time data analytics immersion program, providing rigorous training in data analysis and visualization techniques.

Responsibilities:

- Completed minimum required 60+ hours per week of intensive training in data analytics
- Developed and presented 3 capstone projects to industry experts
- Collaborated weekly with a mentors to refine technical skills and project execution

Key Achievements:

- Built a real estate predictive model analyzing 1,460 properties across 81 variables, identifying key valuation drivers with 95% accuracy
- Optimized global logistics by evaluating 11 years of HIV/AIDS relief international delivery data across 43 countries, resulting in potential cost savings of 12%
- Created financial forecasting models using Python, improving budget planning accuracy by 25% for a mock national rental car company

Tech Stack & Tools:

Advanced Excel, SQL, Tableau, Python, PowerPoint, A/B Testing, Statistical Models, Pandas, NumPy, Matplotlib, Scikit-learn

U.S. Department of Veterans Affairs

Clinical Pharmacist

October 2019 - July 2020 (10 months)

Augusta, Georgia, United States

The Charlie Norwood VA Medical Center provides comprehensive healthcare services to veterans, emphasizing patient safety and regulatory compliance.

Responsibilities:

- Processed and verified outpatient prescriptions
- Ensured compliance with VA pharmacy regulations and guidelines
- Developed automation solutions to improve pharmacy operations

Key Achievements:

- Maintained a 99%+ accuracy rate while processing 500+ prescriptions daily, ensuring patient safety and regulatory compliance

- Reduced staff workload by 25 hours weekly by automating the reprocessing of 1,500 prescriptions, accomplishing this through the development of custom macros
- Applied clinical knowledge to inform data-driven decision-making, contributing to a 15% improvement in medication management processes

Tech Stack & Tools:

Computerized Patient Record System (CPRS), Veterans Health Information Systems and Technology Architecture (VistA), Microsoft Excel (for macro development)

Walgreens

Pharmacy Manager

October 2016 - October 2019 (3 years 1 month)

North Augusta, South Carolina

Responsibilities:

- Independent Decision-Making: Managed workflow prioritization, patient escalations, and compliance decisions, making real-time executive-level judgment calls.
- Oversaw High-Volume Operations: Managed 650+ prescriptions daily, implementing workflow optimizations that reduced processing times and improved accuracy.
- Managed & Led Pharmacy Teams: Supervised teams of 10+ pharmacy technicians, ensuring compliance with HIPAA, CMS, and operational protocols.
- Ensured compliance with HIPAA, Joint Commission, and OIG standards
- Managed inventory, addressed customer inquiries, and streamlined workflow to maintain high service levels

Key Achievements:

- Increased Operational Efficiency by 15% by optimizing staff scheduling and pharmacy layout
- Enhanced Patient Satisfaction through timely prescription delivery and improved customer interactions
- Trained 5 New Pharmacists in best practices for medication safety and patient counseling

Tools & Skills: Pharmacy Management Systems, Inventory Control, Team Leadership, Customer Service< Team Management, Mentorship

BI-LO

Pharmacy Manager

August 2011 - October 2016 (5 years 3 months)

North Augusta, SC

BI-LO (Regional grocery chain with in-house pharmacy services)

Responsibilities:

- Independent Decision-Making: Managed workflow prioritization, patient escalations, and compliance decisions, making real-time executive-level judgment calls.
- Handled 250+ prescriptions daily, ensuring accurate entry and adherence to pharmacy protocols
- Collaborated with healthcare providers and insurance companies to resolve coverage issues and optimize patient care
- Maintained inventory and complied with all regulatory standards (e.g., HIPAA)

Key Achievements:

- Pharmacy Operations & Staff Leadership: Sole pharmacist on duty, overseeing a team of technicians and ensuring all pharmacy operations ran efficiently.
- Training & Mentorship: Led onboarding, training, and development of pharmacy staff to improve adherence to safety, accuracy, and customer service standards.
- Reduced Medication Errors by implementing a double-check process for high-risk prescriptions
- Elevated Customer Experience through patient education and proactive medication therapy management

Tools & Skills: Pharmacy Software Systems, HIPAA Compliance, Customer Relations, Inventory Management, Leadership, Mentorship, Decision Making

Education

University of South Carolina-Columbia

Doctor of Pharmacy (PharmD), Pharmacy