

JEREMIAH LUPTON

CONTACT



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AREAS OF EXPERTISE

Engineering & Operational Excellence

WEBSITES, PORTFOLIOS, PROFILES

- [linkedin.com/in/jdlupton](https://www.linkedin.com/in/jdlupton)
- jeremiahlupton.com

ACCOMPLISHMENTS

- Resolved product issue through consumer testing.
- Collaborated with team of 40 in the development of Live Music Tutor Development and Launch Project.
- Achieved 96% by developing and introducing new software for a large medical insurance company.
- Documented and resolved production waste which led to an increase in 39% yield.

SKILLS

• Manufacturing:

GMP, SOPs, OEE, Root Cause Analysis, Process Optimization, Machine Operation, and ETL Pipelines.

• Engineering:

Software Engineering, Automation, PLC, SCADA, DevOps, and TechOps.

• Cloud:

AWS, GCP, Docker, Kubernetes, and Terraform.

• Programming:

Python, JavaScript, React, Node.js, SQL/NoSQL, Java, and C#.

• Analytics:

Power BI, Tableau, ETL, Spark, Kafka, and AI.

• Lean Six Sigma:

DMAIC & DMADV, Root-Cause, Fishbone, Pareto Chart, FMAE, SPC & 5S, VSM, Poka-Yoke, and Kanban.

Senior technology and operations professional with over two decades of experience in software engineering, data engineering, automation, quality assurance, and manufacturing. Proven success leading cross-functional initiatives, optimizing processes, implementing CI/CD and cloud solutions, and improving operational performance through Lean Six Sigma and root-cause analysis. Experienced in GMP environments, ETL development, analytics, DevOps, and team leadership.

WORK HISTORY

June 2025 - Current

Processing Machine Operator *Kenvue LLC/Kelly Services*, Fort Washington, PA

- Partner with QA, Maintenance, and Production on continuous improvement and root-cause investigations.
- Supported pharmaceutical manufacturing operations, batch execution, equipment changeovers, and quality compliance in a GMP environment.
- Operated machinery to ensure efficient production of consumer health products.
- Demonstrated adaptability by quickly learning how to operate new machinery and implementing newly introduced processes within the production environment.
- Ensured accurate documentation of production data for analysis and continuous improvement efforts.
- Operated manufacturing equipment to ensure efficient production processes.

March 2022 - January 2025

Software Engineer & QA Engineer *Revature*, Remote

- Developed and tested enterprise applications using Agile and SDLC practices.
- Built automated testing frameworks and CI/CD pipelines to improve release quality and reliability.
- Integrated analytics and AI-driven solutions, improving productivity and operational visibility.
- Led software development projects, ensuring alignment with client specifications and industry standards.
- Designed scalable applications using Java, enhancing system performance and user experience.
- Collaborated with cross-functional teams to design and implement new features.
- Implemented automated testing processes to increase product reliability and efficiency.
- Refactored legacy code-bases for improved maintainability, paving the way for easier future updates.

February 2021 - September 2022

Data Team Lead & Automation Engineer *Sun Basket*, Westampton, NJ

- Led data operations and automation initiatives for logistics, inventory, and production.
- Improved data integrity through validation, workflow optimization, and reporting automation.
- Trained and coordinated a high-performing operations team.
- Oversaw the implementation of data management systems, improving data accessibility and integrity by 41%.
- Led data analysis initiatives to drive strategic decision-making across departments.

COMMUNITY SERVICE & VOLUNTEER WORK

American Red Cross of New Jersey, Duty Officer, Coordinates emergency response communications, supports disaster operations, and serves as a key point of contact during incidents and activations., Collaborates with volunteers, staff, and partner agencies while maintaining accurate incident documentation and situational awareness., Demonstrates leadership, decision-making, crisis management, and public service in a fast-paced environment.

ADDITIONAL EXPERIENCE

- Bindery Lead, Quad Graphics | 2019–2021
- Package Delivery Driver, UPS | 2020–2021
- Pool Mechanical Technician, Riverton Pools | 2015–2020
- Residential Living Staff, Elwyn | 2009–2013
- Laboratory Technician, Quest Diagnostics | 2002–2005
- Assistant Manager, Hollywood Video | 2000–2009

AWARDS & HONORS

President's Academic Excellence Award (Multiple), Dean's List, Magna Cum Laude, Epsilon Pi Tau International Honor Society, Golden Key International Honor Society

- Developed and implemented data governance frameworks to ensure compliance and accuracy.

June 2015 - August 2019

Senior Data/Automation Engineer, Lead Developer & Designer *Getty Digital*, Remote

- Engineered ETL pipelines, reporting platforms, and full-stack applications supporting business operations.
- Migrated legacy systems to AWS/GCP and implemented real-time streaming and automation solutions.
- Reduced reporting and automation cycle times by more than 40% through process optimization.
- Mentored developers and established coding and deployment best practices.
- Collaborated with cross-functional teams to enhance deployment strategies and reduce downtime.
- Developed automated testing frameworks to streamline software quality assurance processes.

March 2014 - June 2016

Full-Stack Developer, QA Engineer & Data Analyst *Live Music Tutor*, Remote

- Developed web applications, dashboards, and data models to support business intelligence and user management.
- Implemented RESTful APIs for seamless integration between frontend and backend systems.
- Developed and maintained web applications using React, Node.js, and MongoDB.
- Streamlined QA processes, resulting in an 28% increase in efficiency and reduced time to market.

June 1998 - March 2014

Assistant Manager, Data Scientist & Senior Web Developer *D.B.A. Entertainment*, Philadelphia, PA

- Directed business operations, CRM development, analytics, inventory management, and customer service initiatives.
- Developed and implemented training programs for staff, enhancing team skills and performance.
- Fostered collaboration between departments to enhance project outcomes.
- Supervised day-to-day operations to meet performance, quality and service expectations.
- Improved customer satisfaction by 21% by addressing and resolving complaints promptly.
- Improved customer satisfaction by addressing and resolving complaints promptly.

EDUCATION

July 2026

Ph.D. Technology Management (Engineering Management)
National University, San Diego, CA

- Dean's List

September 2023

Master of Science Information Technology (Project Management)
American InterContinental University, Atlanta, GA

- Inducted into the Golden International Key Honour Society, Awarded the Presidential Award, and made Dean's List.

July 2021

Bachelor of Science Information Technology (Security & Assurance)
American InterContinental University, Atlanta, GA

- Made Dean's List, Awarded the Presidential Award, inducted into the Epsilon Pi Tau International Honor Society, and Graduated Magna Cum Laude.

September 2011

Associate of Arts Business Administration (Criminal Justice)
American InterContinental University, Atlanta, GA

- Made Dean's List and Graduated with Honors