

Sean DeSilva

Greater Philadelphia | 215-667-0420 | seandesilva101@gmail.com | [LinkedIn Profile](#) | [GitHub Profile](#) | [Website](#)

PROFESSIONAL SUMMARY

An innovative problem-solver with a passion for leveraging programming expertise, analytical skills, and technological knowledge to tackle complex challenges. Continuously developing collaborative, analytical, and critical thinking skills.

EDUCATION

La Salle University, Philadelphia, PA

August 2019 – May 2023

Bachelor of Science in Integrated Science, Business & Technology (ISBT) | Minor: Environmental Science

Awards & Certifications

Active DoD Secret Security Clearance, 2024; La Salle University Founder's Scholarship, 2019; Dean's List – School of Arts & Sciences: Spring 2022; Good Citizen Award, 2015; Stanford Introduction to Statistics, 2023; MITx Cybersecurity for Critical Urban Infrastructure, 2023; freeCodeCamp JavaScript Algorithms and Data Structures, 2024

PROFESSIONAL EXPERIENCE

Software Developer

Jan 2025 – Jul 2025

Center City Legal Reproductions, Philadelphia, PA

- Direct team synergy and performance dynamics by incorporating weekly standup meetings to align cross-functional teams, gather business requirements, and ensure clear communication, contributing to a 15% boost in project efficiency.
- Built and maintained dynamic databases to organize and centralize client information, improving accessibility and reducing retrieval time by 30%.
- Conduct detailed analyses of medical records, ensuring compliance with regulatory standards and streamlining data entry processes by 20%.
- Designed and implemented an Excel-based dashboard, tracking over 1,000 medical records and insurance claims.
- Collaborated with stakeholders to identify process improvement opportunities, enhancing overall project workflows and client satisfaction.

Business Analyst & Office Administrator

Feb 2024 – Jul 2024

IntelliSys Solutions Group, Philadelphia, PA

- Facilitated daily standup meetings to align stakeholders, gather business requirements, and ensure project goals were clearly defined, increasing project completion.
- Designed an Excel-based contract proposal dashboard, successfully managing over 30 contracts and achieving 100% on-time project completion.
- Led engineering management efforts, guiding the team in effectively managing and meeting project deadlines.
- Optimized company website performance through strategic HTML and CSS enhancements, improving user experience and visual appeal.
- Engineered high-performance SQL queries in MySQL, optimizing data retrieval and manipulation while ensuring robust data integrity.
- Orchestrated the creation of a strategic employee resume database, positioning the company for future contractual opportunities.
- Led collaborative efforts within a 20+ member team, implementing rigorous documentation verification processes to eliminate errors.
- Developed and maintain a robust talent pipeline through strategic sourcing, networking, and proactive outreach.
- Researched potential contracts to bid on, resulting in securing 5 new contracts and increasing company revenue by 20% over a 6-month period.
- Supported the accounting department by helping with the organization of financial data, verifying transaction details, and assisting in the creation of customer invoices.

Business Analyst

Jun 2023 – Jul 2023

KPMG, Remote

- Performed data quality analysis to ensure accuracy and completeness in datasets.
- Identified and resolved anomalies and outliers through data cleansing and validation techniques.
- Applied customer segmentation methods to analyze customer behaviors, preferences, and needs.
- Composed and delivered concise emails about provided data sets to clients to accelerate business progression.
- Employed Pivot Tables to condense and inspect datasets, fostering data-driven decision-making procedures.

Environmental Analyst

Jun 2021 – Jul 2022

La Salle University, Philadelphia, PA

- Developed a robust data processing workflow for Philadelphia Census Data, employing advanced Excel techniques to

streamline integration with GIS platforms, enhancing spatial data analysis capabilities.

- Utilized ArcGIS and Excel to conduct comprehensive analyses and create compelling visualizations of soil lead concentration levels, contributing to environmental health initiatives.
- Documented critical soil research findings, enabling data-driven decision-making and advancing knowledge across the field.
- Authored detailed research reports and presented findings to university stakeholders, contributing to grant proposals and funding efforts for urban soil remediation projects.
- Introduced quality control measures for soil sample data collection and analysis, ensuring methodological rigor and consistency across multi-year studies.

eSport Coach

May 2017 – Apr 2020

Freelance, Philadelphia, PA

- Monetized expertise in League of Legends by developing and delivering personalized coaching programs, transforming advanced game knowledge into a profitable business.
- Trained over 20 players, equipping them with a strong understanding of key game mechanics and enhancing their competitive performance.
- Created individualized growth strategies that accelerated mentees' skill development, leading to measurable improvements in gameplay.
- Provided actionable, data-driven tactics to help players recognize and capitalize on critical opportunities, maximizing their strategic advantage.
- Communicated complex decision-making processes in clear and practical ways, enabling mentees to perform effectively under pressure.
- Guided a 5-person team to success in an online tournament by devising and executing targeted strategies that improved collaboration, performance, and results.

SKILLS

Technical: Python, Java, C, JavaScript, TypeScript, SQL, React, Next.js, Node.js, Flask, AWS, HTML/CSS, Tailwind CSS, Git, GitHub Actions, Bash, MySQL, SQLite, Drizzle, ORMs, Postman, Vercel, Tableau

Professional: Product Development, Requirements Gathering, Agile Methodologies, Technical Documentation, Stakeholder Management, Project Planning, Business Analysis, Team Leadership, Strategic Planning, Cross-functional Collaboration, Problem-Solving, Data Analysis, Financial Analysis