

WILLIAM AN

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PERSONAL STATEMENT

Full-stack engineer specializing in backend systems, SQL/BI reporting, and Python-based automation, with a track record across PHP, ASP.NET MVC, ERP, and applied AI workflows.

SKILLS

Technical Skills

- **BI / Analytics:** Power BI, Tableau, Microsoft Fabric, dashboards, recurring reporting, revenue recognition, sales/tax/commission reporting
- **SQL / Data Engineering:** SQL Server, MSSQL stored procedures, MySQL, data modeling, ETL, validation, reconciliation, reporting logic
- **Automation & Scripting:** Python, Excel, CSV, JSON, batch utilities, report generation, operational workflow automation, Selenium
- **ERP & Enterprise Systems:** ERP module development for public, vendor, accounting, and reporting workflows; SAP integration; retailer/POS systems; security and access control; multilingual support
- **E-commerce & Integration:** Magento, EDI parsing/generation, Shopify payload logic, CSV/data conversion tools, Fishbowl Inventory
- **Classic Web Development:** ASP, ASP.NET MVC, C#, PHP, JavaScript, jQuery, AJAX, HTML/CSS

Agentic AI & LLM Development

- **AI for Data Engineering:** LLM-assisted SQL generation, query review, data validation, and reporting logic support
- **LLM + OCR Context Generation:** Document/image text extraction converted into structured context for LLM-based analysis and automation
- **AI Agent Workflow Design:** Task routing, instruction flows, human-in-the-loop review, automated response generation, AI-assisted development workflows
- **AI Image Generation / Virtual Try-On:** Human model image generation for clothing visualization using Gemini and ChatGPT

PROFESSIONAL EXPERIENCE

Data Analyst / Automation Engineer

07/2018 – Present

Color Street LLC

Clifton, NJ

- Expand from BI reporting into practical data automation, reconciliation, and source migration using Python, SQL, Excel, JSON, Shopify, and Microsoft Fabric.
- Build python utilities for automated CSV/Excel/JSON/SQL extraction, tax calculation, and report generation.
- Develop reconciliation logic for Canada tax, Shopify payload processing, and Fabric/Power BI migration workflows.
- Reduce manual work with repeatable, auditable outputs that improved trust between business and technical teams.
- Develop the Data Integration and Sync tool from Shopify's Sales data to Accounting's SAP system.

Web Developer

10/2015 – 07/2018

Max Lite Inc.

Pine Brook, NJ

- Developed and maintained public and vendor-facing modules (maxlite.com, vendor.maxlite.com) using ASP.NET MVC, .NET, and SQL Server, covering sales representative, vendor, and accounting workflows.
- Built SQL queries and backend logic to support new vendor and sales representative requirements.
- Maintained accounting and reporting modules within the internal ERP environment across both backend and frontend layers.

E-commerce Web Developer

12/2014 – 10/2015

Innovative Cosmetic Concepts LLC

Clifton, NJ

- Developed and maintained backend/frontend web services for www.incoco.com based on Magento Enterprise, including custom SQL queries and feature extensions such as Video Channel Integration, Google Map Integration, Social Web Service Integration, and 3D Coverflow Slider for product collections.

E-commerce & EDI Developer

02/2013 – 12/2014

Elite Group LLC

New York, NY

- Delivered custom e-commerce, EDI, and inventory workflow improvements across retail and logistics environments.
- Parsed and generated EDI documents for customer order and invoice flows, integrating with Amazon EDI, Helzberg, and CommerceHub third-party systems.
- Built CSV converter and import tools for Fishbowl Inventory, streamlining inventory operations.
- Automated complex operational processes using Selenium for browser-based automation.

Web Developer

02/2011 – 02/2013

KDDI Corporation / Locus Telecommunication

Fort Lee, NJ

- Maintained and enhanced LOPEDS, a retailer-focused POS and electronic PIN distribution platform, using PHP, MySQL, and business-critical backend workflows.
- Developed retailer login and account security flows, POS terminal inventory features, multilingual support, mobile views, and SMS receipt functionality.
- Strengthened system reliability and access control through ongoing operational maintenance and security upgrades.

Classic Web Platform Developer

02/2008 – 12/2010

Hey Korean LLC

New York, NY

- Built and maintained community (Heykorean.com), marketplace, forum, news, club, and Q&A services using Classic ASP, ASP.NET (C#), JavaScript, CSS, and MSSQL.
- Implemented map-based search pages, AJAX-driven UI workflows, and forum/content logic across production systems.
- Built customized editor tools and supported MSSQL stored procedure development.
- Delivered full-stack production support across live web systems, ensuring database reliability and content platform stability.

EDUCATION

Bachelor of Science in *Computer Science*

Kean University, Union, New Jersey, U.S.