**Delbert Aud**[delbert.aud@gmail.com](mailto:delbert.aud@gmail.com) | 702-449-2337 | Henderson, Nevada, USA

**PROFESSIONAL SUMMARY**

Highly skilled information technology expert with over four decades of experience in leveraging technology to streamline operations and achieve business objectives using a wide range of technologies. Expertise includes team management, project execution, solution architecture, and programming.

**CERTIFICATIONS**

* **Certified Information Systems Professional (CISSP)**
* **Microsoft Certified System Engineer (MCSE) – deprecated**

**TECHNICAL PROFICIENCIES**

* **Operating Systems** - Linux, Windows, MacOS
* **Cloud Platforms** - Amazon Web Services (AWS), Google Cloud Compute, Digital Ocean
* **Programming Languages** - Python, C++, C, Java, C#, JavaScript, Go, Visual Basic, SQL
* **Databases** - Oracle, MySQL, Microsoft SQL Server, PostgreSQL, MongoDB, Redis, Elasticsearch, SQLite
* **Virtualization Technologies** - VMWare ESXi, Microsoft Hypervisor, Docker
* **Automation Pipelines and Tools** - UiPath, Automation Anywhere, Selenium, NodeRed, Apache NiFi, Robotic Process Automation (RPA),
* **AI/ML Frameworks** - ChatGPT, Ollama, n8n, LangChain, CrewAI
* **Project Management Methodologies** - Waterfall, Scrum, Agile, Kanban
* **Accreditation Processes** - DITSCAP, DODAF, DIACAP

**EDUCATION**

* **College of Southern Nevada** - Associate of Applied Science - Software Programming - 2023
* **College of Southern Nevada** - Bachelor of Applied Science – Project Management – ongoing

**PROFESSIONAL EXPERIENCE**

**Self-Study**AI Automation   
May 2024 - present

* **n8n (AI) -** Installed n8n and developed an AI data pipeline utilizing n8n, ollama and various large language models.
* **Automatic1111 (AI) -** Installed Automatic1111 and explored the capabilities of Stable Diffusion to generate various business images.

**Bath Bomb Xpress**IoT Architect  
May 2024 - June 2024

* **Automated Liquid Filling Station (Arduino, C) -** Electronics engineer and developer that created an innovative Arduino-based liquid filling system for use in manufacturing settings. Through precise process control, the system enabled quick adjustments and consistent operations via intelligent monitoring, resulting in a streamlined process that maximized output and reduced waste.

**ConvergeOne**Data Engineer  
June 2016 - May 2024

* **Avaya Telephone System Testing (Java, DMCC) -** Created a Java-based solution using the Avaya DMCC library to exercise new installation work and ensure changes do not affect basic functions.
* **Help Desk Ticket Dashboard (Classic ASP, Microsoft SQL Server) -** Designed and developed a dashboard system for enhanced views on important help desk tickets in classic ASP, retrieving data from a SQL Server reporting database.
* **Help Desk Ticket Storage (Python, Elasticsearch) -** Implemented Elasticsearch to store data and report on help desk tickets.
* **SQL Server to Elasticsearch Data Loader (Python, Elasticsearch, REST)** - Developed a solution that extracts new and updated data from a SQL Server and loads it into an Elasticsearch database using Python, and Elasticsearch libraries.
* **Sophos Antivirus Wrapper (Python) -** Wrote a wrapper around the Sophos Antivirus data collection tool to support long-term data retention, meeting audit requirements.
* **Avaya IXM Software Installation Automation (JitBit Macro Recorder, PowerShell) -** Utilized JitBit Macro Recorder to build a Robotic Process Automation solution for automated installation of Avaya IXM software and added PowerShell scripts to support server build.
* **Robotic Process Automation Consulting -** Offered consulting services on RPA to identify business opportunities for automation, leveraging tools like Automation Anywhere, Apache NiFi, Python, Golang, JitBit Macro Recorder, and PowerShell.
* **Noisy Equipment Identification (Python, Elasticsearch, REST) -** Analyzed enterprise alarms with asset data using Python to determine the noisiest equipment.
* **Sumreyes Project (Go, Python, REST, Microsoft SQL Server) -** Designed and developed a project that collects vital information from Avaya phone system components across multiple environments, transmitting gathered data through REST endpoints to a publicly accessible Microsoft SQL Server database on CentOS.
* **Ivanti Ticket Assignment Automation (Python, REST) -** Developed an Ivanti ticket automation solution using Python to analyze and assign tickets to the proper resource based on skill and availability.
* **RPA Team (Python, Excel VBA development expertise) -** Contributed innovative coding techniques and best practices to optimize automation solution performance by as much as 500%, resulting in significantly improved process efficiency.

**Hewlett-Packard Enterprise Services  
Senior Consultant  
September 1995 - June 2016**

* **Technical Team Lead** - Oversaw projects from concept to delivery, ensuring timely and successful completion at the NMCI account.
* **Solution Architect** - Provided requirements analysis, System design, Technology Selection, Integration Planning and Solution Documentation for the NMCI account.
* **Technical Team Manager** - Managed a team of developers supporting 30+ projects for Bank of America account.
* **Senior Technology Consultant** - Provided technology consulting services on a wide variety of technologies to a multitude of HP Enterprise Services accounts.
* **Senior Information Specialist** - Provided a wide range of programming services across several programming languages and platforms for HP Enterprise Services and EDS accounts.