**Delbert Aud**

delbert.aud@gmail.com | 702-449-2337 | Henderson, NV  
[http://delbertaud.com](http://delbertaud.comd) | <https://www.linkedin.com/in/delbertaud>  
  
Innovative IT professional with extensive experience in solutions architecting, data engineering and programming.

**JOB TITLES:** IT Consultant, Systems Architect, Data Architect, Data Scientist, Cloud Engineer, Security Engineer, Software Developer, Data Engineer, Robotic Process Automation Engineer

**CERTIFICATION:** CISSP - Certified Information Systems Security Professional

**US RIGHT TO WORK:** United States Citizen

**PREFERRED STACK:** Linux, Windows, Docker, Kubernetes, VMWare ESXi  
Python, C#, Visual Basic, JavaScript, SQL, Classic Visual Basic, Go, Rust, VBScript  
MySQL, Microsoft SQL Server, PostgreSQL, MongoDB, Redis, ElasticSearch, SQLite  
Amazon Web Services, Google Cloud Compute, Digital Ocean  
Apache Nifi, UIPath, Automation Anywhere, Google DialogFlow, GIT

**TECHNICAL PROFICIENCIES**

**Platforms:** Linux, CentOS, Ubuntu, Windows, Mac OS, Docker, Kubernetes

**Programming Languages:** Python, C, Java, C++, C#, Visual Basic, JavaScript, SQL, Swift, PHP, R, Go, Classic Visual Basic, Objective-C, Rust, PL/SQL, VBScript, D, PowerShell, AWK, Transact-SQL

**Databases:** Relational, NoSQL, Graph, Oracle, MySQL, Microsoft SQL Server, PostgreSQL, MongoDB, Redis, Elasticsearch, Microsoft Access, SQLite, Cassandra, MariaDB, Hive, Amazon DynamoDB, Snowflake, Neo4j, Google BigQuery, HBase, Couchbase, Amazon Redshift, Memcached, Spark SQL, CouchDB, dBase

**Cloud:** Amazon Web Service, Google Cloud Compute, Rackspace, Digital Ocean, Kamatera, Jeltastic

**SAS Solutions:** ServiceNow, Twilio, Google Apps

**Virtualization:** VMWare ESXi, Microsoft Hypervisor, Oracle VirtualBox, Docker, Kubernetes

**DevOps:** Ansible, PowerCLI, Terraform, SaltStack, Vagrant

**Automation Tools:** Apache Nifi, RPA (Robotic Process Automation), Automation Anywhere, UIPath, Microsoft Power Automate, Selenium, Selenium IDE, JitBit, Macro Recorder, Google DialogFlow

**PM Methodologies:** Waterfall, Scrum, Agile, Kanban

**Accreditation Processes:** DITSCAP, DODAF, DIACAP

**Source Code Management:** Git, BitBucket, TFS

**Web Frameworks:** Angular, React, Vue

**Visualization:** HTML5, Kibana, ChartJS

**PROFESSIONAL EXPERIENCE**

**Programmer/DevOps/Big Data  
ConvergeOne, Remote (6/2017 to Present)**

Data Science work combining enterprise alarms with asset data to determine most noisy equipment. Parts of the data is harvested from ElasticSearch while others are in an Enterprise SQL Server environment. Data cleansing and analysis performed using Python. Charts rendered in ChartJS and Excel. Graphing analysis done with Python, Neo4j and NetworkX.  
  
Consulting on Robotic Process Automation (RPA) to find business opportunities to automate. Bringing tools like Automation Anywhere, Apache Nifi, Python and Golang to reengineer business processes in order to yield cost and time savings. Used JitBit Macro Recorder to build a Robotic Process Automation solution for automated installation of the Avaya IXM software. Added PowerShell scripts to support build of the server.

Architected and developed a system to collect data from various Avaya tools and push data through a web services interface to a SQL Server database running on CentOS. The solution was written in the Go language and utilizes Microsoft SQL Server as the storage.

Built a solution in Java that exercises Avaya Telephone Systems to ensure new installation work as expected and that changes do not affect basic functions. This solution was written in Java utilizing the Avaya DMCC library.

Built a dashboard system for enhanced views on important help desk tickets. This solution was written in classic ASP. It retrieves data from a SQL Server reporting database.

Implemented ElasticSearch to store data and report on help desk tickets.

Built a solution to extract new and updated data from a SQL Server and load such data into an ElasticSearch database. This solution utilized classic ASP, Python and ElasticSearch libraries.

**Enterprise Senior Consultant  
Hewlett-Packard/EDS, Remote, (1996 to 2016)**

Managed development teams and built a wide range of solutions using various programming languages. Provided technical consulting services to clients in business, IT, health services, air travel, automotive, military, finance, and entertainment.

Team member of the Quick Response Team focused on emergency technical support for priority accounts.

Provided Information Technology consulting for in excess of 20 different account on a wide range of subjects during my 20 year tenure with the company.

**Visual Basic Programmer  
Automated Solution Group, Huntington Beach, CA (1994 to 1995)**

Leveraged Visual Basic to develop projects for clients in energy, communications, retail, and banking.

Completed programming work for clients such as NDC, AT&T, The Carson Group, Canac Kitchens, and Southern California Edison.

**Visual Basic Programmer  
American Honda Corporation, Torrance, CA (1993 to 1994)**

Contributed to architectural design for Dealership Communication System to facilitate communication between dealers and American Honda Corporate office. Assisted in the development of the solution utilizing Visual Basic.

**Owner  
CIA - Computers in Action, Anaheim, California (1992 to 1993)**

Owned and operated a small company that provided emergency computer and network repairs to local businesses in the Southern California area and training services to the general public. The firm consisted of 6 employees who held various responsibilities from field service technicians, order desk personnel and classroom trainers.

**Computer Teacher  
Cornelia Connelly Private School, Anaheim, California (1992 to 1993)**

Taught 9th grade girls Computer Science class. Created lesson plans, taught class and interacted with facility, parents and students on the progress of students. Technology involved was Apple IIe computers and the AppleWorks program. Lessons were wrapped around the computer itself, word processing, spreadsheets and databases.

**Computer Operations  
Fairmont Private School, Anaheim, California (1990 to 1992)**

Maintaining the school’s computer systems, Responsibilities included running the school management system for enrolling and tracking students. Installed the first network for the business office.

**Owner****Computer Price Club, Westminster, California (1990 to 1991)**

Owned and operated a mail order computer products business. Collected and consolidated electronic versions of various vendor's catalogues of products. Reorganized the data and produced printed catalogues to be handed out at computer shows and various other computer-oriented meetings.

**Owner  
Aud Computer Services, Stanton, California (1980 to 1991)**

Provided consulting and programming services to small businesses in the Southern California area. Supplied development, network, computer repair, training and custom programming services.