Contact

505 340-6241 (Mobile)
claypryor888@gmail.com

www.linkedin.com/in/clayton-pryor (LinkedIn)

Top Skills

SQL
Google Workplace
Microsoft Excel

Certifications

Green Belt Certification (GB)

Honors-Awards

Bachelor of Science Degree With Distinction

FY18 Top 3 Improvements Recognition Award - Team Lead

Invited to Speak on Enterprise Search at Several Conferences

Publications

NM Collector Software

Clayton Pryor

Contributing to society
Albuquerque, New Mexico, United States

Summary

Highlights about myself:

After 34 years at Sandia National Labs I retired on February 2, 2021.

While at Sandia National Labs I ...

* Contributed to many software development projects through the years from custom developed financial and human resource systems written in COBOL to advanced tester software applications written in VB6 and LabVIEW.

* Have written J2EE and ASP.Net MVC (C#) enterprise applications.

*Built customized SharePoint applications using ASP.Net and InfoPath forms with external database connections.

* Developed and maintained custom enterprise search solutions with Java and Solr.

* Replaced custom enterprise search solutions with Lucidworks Fusion saving taxpayer dollars and earning recognition from our Laboratory Director in 2018.

* Capitalized on Lucidworks Fusion capabilities using JavaScript.

* Presented my work in Enterprise Search at the following conferences: NLIT, Activate, Enterprise Search and Discovery, and Lucene Solr Revolution.

* Although not given the opportunity to use other search technologies at work, I have played with some on my own and am open to learning more.

Experience

nmCollector.net LLC
24 years 2 months

Independent Software Developer
February 2021 - Present (3 years 1 month)

Miscellaneous activities including redeveloping NM Collector Software from scratch, configuring Excel and Google Sheets systems (with custom coding) for Republican Party Voter Integrity initiatives, providing data to Republican Candidates using desktop applications that I developed from scratch, serving as a board member for the New Mexico Shooting Sports Association, and serving as a board member for NM Alive!

1/14/2023 - Elected to:

* Bernalillo County Republican Party County Central Committee

* New Mexico Republican Party State Central Committee

Applications developed include:

* Desktop Search Application that uses ElasticSearch and Tika.

* NM Collector Software CP: Collection management software for Windows, Mac, Linux, iOS, and Android platforms.

* Voter History Inspection Tool (VHIT): Load, sort, filter, and export Secretary of State provided voter history for candidates, Ward Chairs, and Precinct Captains.

* Voter Maintenance Inspection Tool (VMIT): Load, sort, filter, and export Secretary of State provided voter changes for Ward Chairs and Precinct Captains.

* Voter Absentee Ballot Chase Tool (ABChase): Process absentee ballot requests and updates for candidates. Track and extract only latest changes with each release of the file.

* Program to populate Wix store items for sale from wholesaler FTP download.

Company Owner
January 2000 - Present (24 years 2 months)

nmCollector.net LLC began in the year 2000 when I began selling NM Gun
Collector Software online. After receiving multiple requests for collecting
software for different computer operating systems and collection types,
nmCollector.net answered the call with NM Collector Software JE. This softwar
became popular enough to justify incorporating in 2010. Recognizing the need
for mobile products nmCollector.net introduced NM Collector for the Android in
late 2011.

After retirement from full time employment, I developed a whole new product
called NM Collector Software CP. CP stands for Cross Platform because
it provides a unified interface and easy data sharing across all popular
platforms ... Windows, Mac, Linux, iOS, and Android.

Sandia National Laboratories
Principal Member of Technical Staff (PMTS) - Computer Science
December 1986 - February 2021 (34 years 3 months)

I have extensive software development experience that spans over 40 years
and includes everything from desktop applications to tester software and
enterprise applications.

For 34 years I worked at Sandia National Labs (SNL) moving up from Member
of Laboratory Staff (MLS) to Principal Member of Technical Staff (PMTS)
writing mostly enterprise software and tester applications.

For my last six years at SNL I focused on enterprise search applications. My
search journey started with a custom suite of Java and J2EE applications built
on top of Solr. I enhanced, simplified and reworked those applications to make
them more efficient and easier to maintain.

After learning about Lucidworks Fusion at a conference, I lead an effort to
deploy it in our company. That was in 2017 and it is still in production to this
day. In 2018 we were recognized by top executives for our success.

Solr EXPERTISE
• Solr Cloud deployment, configuration and management
• Schema, Text Analysis, Update Handlers, Request Handlers,
Faceting, Highlighting, Spell Checking, Auto Complete, Relevancy
Boosting including Phrase Boosting and Query Elevation

• Use SolrJ in Java applications to index and query content

• Developed and delivered in-house Solr training

LUCIDWORKS FUSION EXPERTISE

• Deploy and configure Fusion across multiple Linux servers

• Integrate with internal and external Solr instances

• Upgrade from 2.x to 3.x to 4.x

• Capture signals for popularity boosting and personalization

• Configure datasources using a variety of connectors

• Write Nashorn JavaScript pipeline stages for custom functionality

• Familiar with the entire Fusion UI and components of API

• Configure Solr using Fusion UI

• Developed and delivered in-house Fusion Training

Energy, Minerals and Natural Resources Department of New Mexico
Programmer/Analyst
August 1986 - November 1986 (4 months)
Santa Fe, New Mexico, United States

Install/Train/Support; Applications Analysis / Development / Implementation /
Maintenance; System Operations; Trouble-Shoot.

Tech Reps, Inc
Software Engineer
June 1986 - August 1986 (3 months)
Albuquerque, New Mexico, United States

Given Vague Specifications, Write Detailed Code.

IBM
Marketing Trainee
June 1985 - June 1986 (1 year 1 month)
Des Moines, Iowa, United States

Learn IBM Product Line And How To Sell It to Large, Established Customers.

The University of New Mexico
Lab Instructor, Computer Programming
December 1982 - June 1985 (2 years 7 months)
Albuquerque, New Mexico, United States

Helped Students Write Basic Programs Using Structured Programming
Techniques.

Air Force Research Laboratory
Engineering Technician
May 1982 - August 1982 (4 months)
Albuquerque, New Mexico, United States

Program Tektronics Microcomputers; Develop/Program 2-Dimensional Finite Element Analysis Mesh Generation Program W/Interactive Graphics.

Hanley Paint Company
Paint Mixing and Delivery
August 1981 - May 1982 (10 months)
Albuquerque, New Mexico, United States

Mostly delivered paint. Decided I'd better go back to school!

Air Force Research Laboratory
Math Aide / Engineering Technician
December 1977 - August 1981 (3 years 9 months)
Albuquerque, New Mexico, United States

Programming Using Basic, Fortran, DISSPLA, Movie.BYU, Various Equipment/ Facilities;

DoD Secret Clearance.

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Education

UNM Anderson School of Management
Master of Business Administration - MBA, Management Information Systems, General · (1983 - 1985)

The University of New Mexico
Associate of Applied Science in Computer Programming, Computer Programming · (1982 - 1983)

The University of New Mexico
N/A, Graduate Shool of Economics · (1982 - 1982)

The University of New Mexico
Bachelor of Science - BS, Biology with emphasis in Ecosystems Ecology and minor in Economics · (1977 - 1981)

Valley High School, Albuquerque, New Mexico

Diploma · (1974 - 1977)