Nicholas Anson

Senior Software Developer

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SUMMARY

Experienced professional with a strong background in IT and software development. Began a career in the Army as an IT Analyst/Operator, gaining a solid foundation in technology and operational security. Transitioned to a software developer role at Mudlogging Systems, replacing legacy applications with newer technologies. Later became a software consultant for Terra SLS and co-founded Shezmu Extractions. Passionate about technology and adept at adapting new solutions for new challenges.

EDUCATION

Colorado Technical University Colorado Springs, CO
Bachelor of Science in Computer Science; Concentration in Software Engineering *Sep. 2018 – Sep. 2021*

Colorado School of Mines Golden, CO
Computer Science; *Sep. 2005 – Sep. 2006*

EXPERIENCE

Terra SLS, Inc. Grand Junction, CO
Software Development Consultant *Nov. 2022 - Present*

- **TControl/TLog**: Gelogic Logging applications. Re-branded software for former employer under new company name. Adding new functionality and fixing bugs as they come up. Java, Maven, MySQL, Linux, Python
- **Link-n-Log**: Continuous development for web application served up on proprietary hardware that collects and serves data. Java, Apache, Maven, Hibernate, MySQL, Python

Shezmu Extractions, Ltd. De Beque, CO
Co-Owner/Operator/Manager *Apr. 2019 - Present*

- **Shezmu.com**: Custom web app utilizing proprietary data and following advertising laws. Designed workflow for deployment to production that includes third party tools and some no code integration. Django, PostgreSQL, Docker, Bootstrap, Google Cloud Storage
- **Budeez**: Developed a CRM and inventory tracking application. Used for tasking sales and operations and marketing promotion. KivyMD, Google Sheets, Pandas, OpenAI API

Mudlogging Systems, Inc. — ALS Global — Reservoir Group Grand Junction, CO
Software Development Project Manager *Mar. 2011 - Apr. 2020*

- **MControl/MControl3**: Oversaw the end-of-life for the legacy code and rebuilt the application in Java, adding necessary functionality for migrating it to the cloud. C, Windows API, Java, MySQL
- **MPlot**: Managed and developed this real-time geological logging software renowned for its "Live Logging" feature. Java, MySQL, Python, Linux
- **Extranet**: Added functionality and assisted in the rebuilding of this internal inventory and customer tracking website. Originally built using Java Webkit, it was later redesigned using C# and ASP.NET. Java Webkit, C#, ASP.NET
- **Butterfly**: Java application that replaced a complicated spreadsheet that is used to display caterpillar charts from proprietary data. Developed an easier to use interface with reactive slide scale adjustments. Excel, Java

United States Army Grand Junction, CO
Information Technology Analyst/Operator (25B) *Jun. 2003 - Jun. 2011*

- **Afghanistan 2007-2008**: Information Management Officer overseeing three detachment units. Managed users over Windows Active Directory and solved any IT issues. Adhered to strict Secret/Top Secret policies and reported inconsistencies to the Department of Information Management. Windows Active Directory, Information Security

Other Projects

- **iDabble.biz**: Basic invoice management site for small businesses or individuals. Built on the idea that you should be able to utilize your Google account to send your invoices without needing to pay for a service. It is currently live in Beta. Python, Flask, Docker, SQLite

- **Transude**: Simple tool set for filtering pandas DataFrames by building queries from one or more filters. This is useful for connecting filtering controls on DataFrames using touch screen controls. Written in pure python, it is available on PyPi for pip installation. Python, pandas

- **Spiffy**: Standalone application interfacing with Spotify API to generate random playlists using its own random method rather than relying on Spotify's algorithm. KivyMD, Spotify API, Python

- **XStitch**: Graphical web app that utilizes cython and numba for backend operations to quickly render large gridded cross stitch patterns created from any png or jpg file in an html canvas. Flask, cython, numba, HTML Canvas, Python

- **funnelweb**: Application that serves as a control center for custom webscrapers. Utilizes SQLAlchemy for backend data and Scrapy framework tied into Flask using Crochet for asynchronous web scraping.
Flask, SQLAlchemy, Scrapy, Crochet, Python