

Nicholas White

Software Craftsman

Personal Information

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WWW

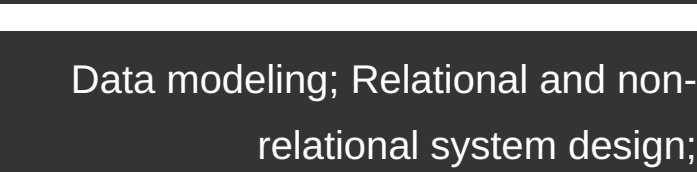
nickwhite.io

LinkedIn

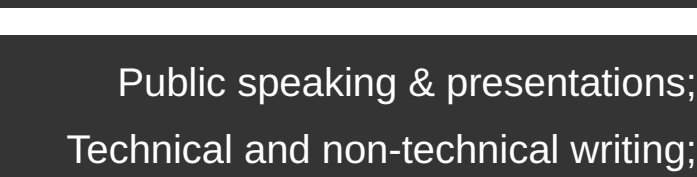
linkedin.com/in/nickwhitecleveland

Skills

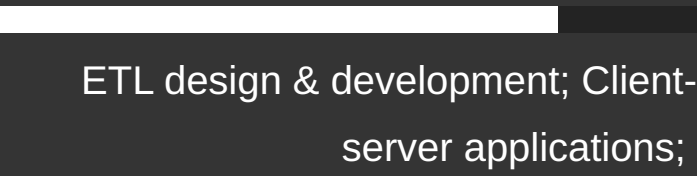
Database Systems



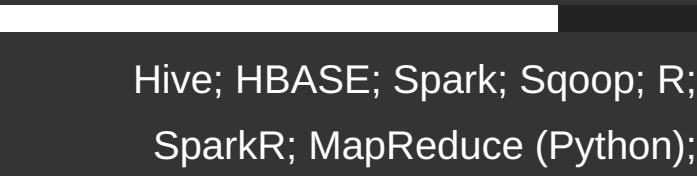
Communications



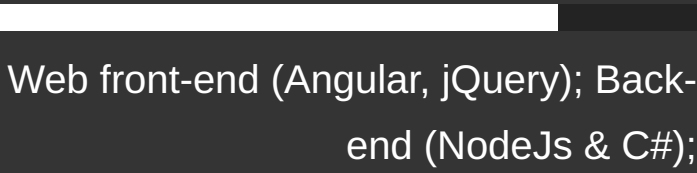
SQL-Based Technologies



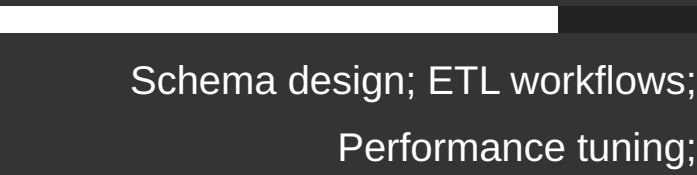
Big Data Analytics



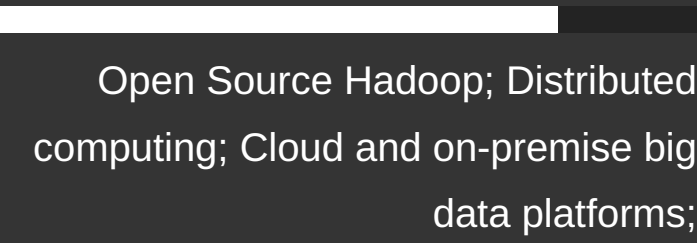
Application Development



Data Warehousing



Big Data Analytics



Experience

Nov 2016 - present

Data Engineer

Parker Hannifin Corporation

- Architected, developed, and built Parker's first and only big data ecosystem.
- Developed and owned the collecting, storing, processing, and analyzing of large sets of data.
- Continuously delivered value by building new big data solutions for the corporations business intelligence needs.
- Enabled valuable self-service analytics by deploying analytical query tools such as Hive and Impala.
- Trained Parker's data scientists on how to work with big data for their business analytics needs.
- Utilized tools such as Apache Spark to deliver value to the corporation, at a pace unheard of in the corporation's IT function.

Jan 2015 - Dec 2016

Data Warehouse & Applications Developer

Parker Hannifin Corporation

- Built over 100 data pipelines for ETL into an enterprise data warehouse.
- Architected and implemented relational schema for Parker's enterprise data warehouse.
- Designed, developed, and maintained Parker's first REST APIs in the Business Intelligence space.
- Built developer automation tools, increasing agility within the corporation's IT & business functions.
- Decreased dev. team code migration time by 300%.
- Built continuous delivery process for legacy applications, increasing team performance by a factor of five.

Education

2017 - present

Computer Science - Master's Degree (In progress)

Cleveland State University
Database systems; Distributed computing systems;

2012 - 2016

Computer Engineering - Bachelor's Degree

Cleveland State University
Digital systems; Electronics; Hardware-software co-design;

2012 - 2016

Computer Science - Minor Degree

Cleveland State University
Software engineering; Database systems;

Achievements

May 2016

First Place - Washkewicz College of Engineering Senior Design

Developed Cerebro, a computer vision and real-time distress signal monitoring and tracking system for use on campuses.

2012 - 2016

Cleveland State University Scholars Award and Scholarship

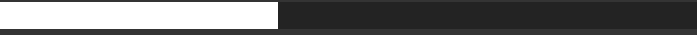
Graduate University Scholars program; Maintained good academic standing for four consecutive years.

2012 - 2016

Ohio First National Science Foundation Mathematics Scholarship

Received the Choose Ohio First Mathematics Scholarship for four consecutive years.

Data Mining and Machine Learning
(Learning)



R; Python; Data Wrangler;

2012 - 2016	Parker Hannifin Engineering Endowment Received the Parker Hannifin Engineering Endowment for four consecutive years of undergraduate study.
2013 - 2016	IEEE Cleveland State - Technical Administrator, Web Developer Volunteer for Cleveland State University VEX Robotics Competition (2014); Web Developer and Volunteer (IEEE Region 2 SAC 2016);

Side Projects & Entrepreneur Endeavors

2016	Cerebro: University campus <i>computer vision system for human detection and tracking across multiple cameras.</i> (Placed first out of 300+ projects)
2016	Safekey: <i>IoT device for real-time distress signals. SaaS + hardware solution.</i>
2016	CortexAI: <i>Operationalized machine learning models.</i>
2017	DbUnit: <i>Unit testing suite for your database.</i>
2017	DbGen: <i>Database DDL generator. Taking the monotony out of schema and ORM implementation.</i>