

JON STOCKSDALE

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- ◆ Compassionate, visionary, creative, hard-working, entrepreneurial, and always-learning.
- ◆ Data architect/engineer, software developer, educator, psychologist, researcher. Great at big picture thinking, but willing to do any task to make a project succeed.
- ◆ Passions: Research and analysis, especially identifying key questions; Designing and crafting software, especially improving function and decision-making; Encouraging students to think deeper and better.

Skills/ Experience

DATA ARCHITECT/ENGINEER

- Adept designer of Relational Databases, especially understanding organizational needs and creatively structuring data to enable better applications and analysis
- Designed unique “Graph” Database solution in SQL to wrap around traditional (legacy) data for improved and more secure access via relationship patterns.
- Primary interviewer for SQL Architect/Developer hiring for large data driven company
- Very comfortable with MS SQL Server technologies, with previous experience with Postgres and Oracle, exploring various NOSQL options

SOFTWARE DEVELOPER

- Programming, design and development with numerous languages and technologies (especially SQL, Elixir, Javascript, C#, Dart, Python, HTML, CSS, REACT, Angular)
- Comfortable learning languages and technologies
- Designed and developed secure, flexible web-based school management system
- Comfortable with both front and back end development
- Enjoy designing solutions based on solid understanding of user informational and process needs

EDUCATOR/CURRICULUM DEVELOPER

- Primary, Secondary, and Tertiary teaching, including:
 - Social Sciences (Psychology, Current World Issues, Government/Economics, MUN)
 - Programming/technology courses (AP, Web Design, Visual Communications)
 - Mathematics (Algebra 1, 2, Pre-Calculus, Middle School)
- Academic Support (K-12): Tutoring, Mentoring, Advising, Guidance Counseling
- Comprehensive Curriculum Development: Communications and Information Technology, Current World Issues, and Psychology
- Elixir functional programming mentoring for under-represented populations

DATA ANALYSIS

- Energized by statistical analysis, especially identifying essential research questions
- Comfortable with wide range of tools, software, and languages; extremely fluent in SQL

TECHNOLOGY IMPLEMENTER

- Deployed various technologies for budget-conscious schools and businesses; envisioned, deployed and managed “one-to-one” tablet computer implementation

ENTREPRENEUR/INNOVATOR

- Started or contributed to the start of various businesses, ministries, and departments; encouraged new ways of doing and thinking in established organizations

Work History

U.S. XPRESS ENTERPRISES – Chattanooga, TN	Sep 2019 – Present
<ul style="list-style-type: none">• Data Architect / SQL database design and development• Extensive creation and improvement of Stored Procedures for dozens of databases, as well as design and creation of new databases• Manage SQL, BizTalk, and Informatica developers to improve systems and connectivity	
RAFIKI SYSTEMS – Chattanooga, TN	Jan 2016 – Present
<ul style="list-style-type: none">• Designed secure, “graph” SQL database software for schools and other industries	
SODDY DAISY HIGH SCHOOL – Soddy Daisy, TN	Jan 2019 – Aug 2019
<ul style="list-style-type: none">• Math teacher (Algebra 1 and 2) for struggling/failing students	
RIFT VALLEY ACADEMY – Kijabe, Kenya (East Africa)	Feb 1990 – Dec 2018
<ul style="list-style-type: none">• Administration (Guidance Counselor, Academic Support Coordinator, Department Head, Systems Administrator, Technology Coordinator, other “Get Stuff Done” roles)• Teacher (Psychology, Computer Science, Economics/Current World Issues, Mathematics)• Software/Database Development and IT Administration (SQL Server, Oracle, MS Access, Excel, Moodle, PowerSchool, Navision, Naviance) using SQL, C#/ASP.NET, VB, VBA)	
COMPUTER HORIZONS – Chattanooga, TN	1997 – 1998
<ul style="list-style-type: none">• Consultant/Software Developer (MS Access and SQL Server databases) for BCBST	
GEORGIA DUCK AND CORDAGE MILL – Atlanta, GA	1991 – 1994
<ul style="list-style-type: none">• Consultant/Software Developer (Visual Basic, Progress, MFGPRO, Paradox, SQL)	
BEN & JERRY’S OF INDIANA – Indianapolis, IN	1989 - 1990
<ul style="list-style-type: none">• Management and Point of Sale Implementation	
INSTRUCTIONAL COMPUTER EQUIPMENT – Indianapolis, IN	1983 - 1988
<ul style="list-style-type: none">• Software Development (C): created graphics editor (pre-Photoshop) used by Herron School of Art; created interactive curriculum development tool (pre-web) for teachers	
TAYLOR UNIVERSITY – Upland, IN	1981 - 1983
<ul style="list-style-type: none">• Student Information System development (Taylor University and Marion College)	
INDIANA VOCATIONAL AND TECHNICAL COLLEGE – Marion, IN	1982 - 1983
<ul style="list-style-type: none">• Instructor – Introduction to Computer Science and Programming	

Education

GEORGIA STATE UNIVERSITY – Atlanta, GA	1994
<ul style="list-style-type: none">• MS Educational Psychology	
INDIANA UNIVERSITY – Indianapolis, IN	1990
<ul style="list-style-type: none">• Teaching Certification (Mathematics 5-12)	
CHRISTIAN THEOLOGICAL SEMINARY – Indianapolis, IN	1985
<ul style="list-style-type: none">• Bible and Psychology	
TAYLOR UNIVERSITY – Upland, IN	1983
<ul style="list-style-type: none">• BA Mathematics, Psychology (minors: Computer Science, Political Science)	

Life

- **30 YEARS LIVING/WORKING IN AFRICA**
 - **MARRIED TO SUSAN SINCE 1991, 2 KIDS (21 AND 23), 2 DOGS**
 - **INTERESTS/HOBBIES: BIKING, PHOTOGRAPHY, HIKING, COFFEE ROASTING, WOODWORKING, READING, LEARNING**
 - **TRAVEL: BICYCLED THROUGH US, EUROPE, AND AFRICA (OVER 30 COUNTRIES)**
 - **VOLUNTEER: TEACHER/TUTOR (PROGRAMMING, MATH, ESL, ROBOTICS, BIBLE), BUILDING, SURVEYING, FOOD PANTRY**
 - **GENERAL CONTRACTOR FOR PERSONAL HOME IN KENYA**
 - **ENGAGING WITH COMPASSIONATE, COMMUNITY-FOCUSED INDIVIDUALS AND ORGANIZATIONS**
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