



Jon Stocksdale

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Vision

- I am an Educator, Full-Stack Web Developer, Data Analyst, and Technology Implementer passionate about positively impacting the world – whether by exploring and improving thinking and problem solving in the classroom, or by building and utilizing appropriate technology to enhance productivity, enable better decision-making, or improve education.

Skills

EDUCATOR/CURRICULUM DEVELOPER

- 30+ years teaching at primary, secondary, and tertiary levels: computer science (including AP), psychology, mathematics, and economics/current issues

WEB/SOFTWARE DEVELOPER/PROGRAMMER

- 35+ years of programming, design and development experience with numerous languages and technologies
- Most recent projects include extensive utilization of:
 - SQL, ANGULAR, DART, C#, SCSS, GitHub, Javascript, HTML
- Comfortable learning languages and technologies (currently learning Elixir/Phoenix and React and Elm), with previous development experience in a wide range of tools and environments including C, C++, Java, Visual Basic, Access Basic, VBA, KendoUI, PHP, CSHTML, ASP.NET technologies, SVG (interactive), Flash, as well as many tools, editors, version control and deployment platforms

DATA ARCHITECT

- Very comfortable designing Relational Databases especially creative data organization for better applications and analysis
- Designed unique and powerful open source “Graph” Database “on top” of SQL Server featuring a powerful permissions model and flexible, rapid development

DATA ANALYSIS

- Enjoy statistical analysis, especially identifying essential research questions.
- Growing comfort with R

TECHNOLOGY IMPLEMENTER

- Deployed various technologies for budget-conscious schools and businesses with unique roll-out issues
 - Best learning experience has been initiating, deploying and improving 10+ year one-to-one laptop/tablet program (including pre-iPad tablet design)
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Work History

RAFIKI SYSTEMS – Chattanooga, TN	2016 – Present
<ul style="list-style-type: none">• Startup developing school software (AngularDart, C#, SQL) - originally for RVA	
RIFT VALLEY ACADEMY – Kijabe, Kenya	1990 – Present
<ul style="list-style-type: none">• Software Developer, Teacher (psychology, computer science, math, economics/current issues), Technology Coordinator, Guidance Director, Department Head, Dorm Parent	
COMPUTER HORIZONS – Chattanooga, TN	1997 – 1998
<ul style="list-style-type: none">• Consultant/Software Developer (Access and SQL Server databases)	
GEORGIA DUCK AND CORDAGE MILL – Atlanta, GA	1991-1994
<ul style="list-style-type: none">• Consultant/Software Developer (Visual Basic, Progress, 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 Developer (C) – created graphics editor (pre-Photoshop days) used by Herron School of Art, and web-like (pre-web days) tools for teachers to create interactive curriculum	
BATTENBERG AND ASSOCIATES – Indianapolis, IN	1984-1988
<ul style="list-style-type: none">• Education and Business Technology Consulting and Development	
TAYLOR UNIVERSITY – Upland, IN	1981-1983
<ul style="list-style-type: none">• Student Information System development	
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 K-12)	
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, 19 AND 21, 2 DOGS
HOBBIES INCLUDE PHOTOGRAPHY, HIKING, COFFEE ROASTING, WOOD WORK, READING, LEARNING, TRAVEL
EXTENSIVE TRAVEL BY BICYCLE THROUGH US, EUROPE, AFRICA, 25+ COUNTRIES
WILLING TO TRAVEL, WILLING TO WORK REMOTELY, PREFER TEAM WORK
BEST AT BIG PICTURE TASKS, BUT WILLING TO DO ALMOST ANYTHING TO MAKE A PROJECT SUCCEED
