

JON STOCKSDALE

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Vision

Software/Web/Database Designer and Developer, Educator, and Psychologist, uniquely experienced with effective education and people-oriented technology.

Visionary, compassionate, creative, hard-working learner, best at big picture tasks, but willing to do almost anything to make a project succeed.

Skills/ Experience

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
- Most recent project involved design and development of inovative, data and security intensive, web-based, school management system.
- Comfortable with front and back end development with greatest strength in designing whole systems based on understanding user information needs and processes.

EDUCATOR/CURRICULUM DEVELOPER

- 35 years teaching at primary, secondary, and tertiary levels:
 - Computer/technology courses: (Web Development – HTML, CSS, Javascript, AP Computer Science, Programming, Office, Design/Visual Communications, Adobe Products – Photoshop, InDesign, Illustrator)
 - Social Sciences (Psychology (AP), Current World Issues – Government/Economics, Model United Nations)
 - Mathematics (Algebra 1, 2, Pre-Calculus, Junior High)
- Student Academic Support (K-12), Tutoring, Mentoring, Advising, Guidance Counseling
- Curriculum Development – especially Communications and Information Technology department, Technology courses, Current World Issues course, and Psychology course
- Vision/Concern for appropriate use of educational technology
- Currently mentoring women and minorities in Elixir functional programming curriculum

DATA ARCHITECT

- Very comfortable designing Relational Databases especially creative data organziation 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.

TECHNOLOGY IMPLEMENTER

- Deployed various technologies for budget-concious schools and businesses
 - 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 add-on to PowerSchool	
SODDY DAISY HIGH SCHOOL – Soddy Daisy, TN	Jan 2019 – Present
<ul style="list-style-type: none">• Math teacher, Algebra 1 and 2 for struggling, repeater students	
RIFT VALLEY ACADEMY – Kijabe, Kenya (East Africa)	1990 – 2018
<ul style="list-style-type: none">• Teacher (Mathematics, Psychology, Computer Science, Economics/Current World Issues)• Software Developer, Technology Coordinator, Department Head, Dorm Parent• Guidance Director, Student Academic Support Coordinator	
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) – developed graphics editor (pre-Photoshop days) used by Herron School of Art, and web-like (pre-web days) tools 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)	
CHRISTIAN THEOLOGICAL SEMINARY – Indianapolis, IN	1985
<ul style="list-style-type: none">• Courses in Bible and Psychology	

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

VOLUNTEER TUTORING, ESL TEACHING, ROBOTICS CLUB, BIBLE CLUB, BUILDING, RELIEF, SURVEYING

GENERAL CONTRACTOR FOR OWN COTTAGE IN KENYA
