Jon Stocksdale

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Rafikisystems.com/stocksdale

Vision

Web Developer, Educator, Data Analyst, and Technology Implementer passionate about positively impacting the world – whether by encouraging and improving thinking, research and problem solving in the classroom, or by building and utilizing appropriate technology to enhance productivity, enable better decision-making, and improve life.

Significantly concerned about environmental, educational, and economic issues.

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

Skills

WEB/SOFTWARE DEVELOPER/PROGRAMMER
- **35 years of programming, design and development experience with numerous languages and technologies (java, vb, c++, c, access, progress, jquery)**
- **Most recent projects include extensive utilization of:**
  - **SQL, ANGULAR, DART, C#, SCSS, GitHub, Javascript, HTML**
- **Comfortable learning new languages and technologies**
- **Especially enjoy the intersection of design, programming, and vision**

EDUCATOR/CURRICULUM DEVELOPER
- **35 years teaching at primary, secondary, and tertiary levels:**
  - **Computer/technology courses: (AP/Programming, Office, Design/Visual Communications, Adobe Products, Web Development)**
  - **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**
- **Curriculum Development – Communications and Information Technology department and course creation and Current World Issues course design**
- **Vision/Concern/Passion for academically challenged students and for appropriate use of educational technology**

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.**
- **Growing comfort with R**

TECHNOLOGY IMPLEMENTER
- **Deployed various technologies for budget-concious 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)**

Work History

RAFIKI SYSTEMS – Chattanooga, TN   2016 – Present
- **Startup developing school software (AngularDart, C#, SQL) - originally for RVA**

SODDY DAISY HIGH SCHOOL – Soddy Daisy, TN   Jan 2019 – Present
- **Teacher (Algebra 1 and Algebra 2)**

RIFT VALLEY ACADEMY – Kijabe, Kenya   1990 – December 2018
- **Teacher (psychology, computer science, math, economics/current issues), Software Developer, Technology Coordinator, Guidance Director, Student Academic Support Coordinator, Department Head, Dorm Parent**

COMPUTER HORIZONS – Chattanooga, TN   1997 – 1998
- **Consultant/Software Developer (Access and SQL Server databases)**

GEORGIA DUCK AND CORDAGE MILL – Atlanta, GA   1991–1994
- **Consultant/Software Developer (Visual Basic, Progress, Paradox, SQL)**

BEN & JERRY'S OF INDIANA – Indianapolis, IN   1989-1990
- **Management and Point of Sale Implementation**

INSTRUCTIONAL COMPUTER EQUIPMENT – Indianapolis, IN   1983-1988
- **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
- **Education and Business Technology Consulting and Development**

TAYLOR UNIVERSITY – Upland, IN   1981-1983
- **Student Information System development**

INDIANA VOCATIONAL AND TECHNICAL COLLEGE – Marion, IN   1982-1983
- **Instructor – Introduction to Computer Science and Programming**

Education

GEORGIA STATE UNIVERSITY – Atlanta, GA   1994
- **MS Educational Psychology, 4.0 GPA**

INDIANA UNIVERSITY – Indianapolis, IN   1990
- **Teaching Certification (Mathematics K-12)**

TAYLOR UNIVERSITY – Upland, IN   1983
- **BA Mathematics, Psychology (minors: Computer Science, Political Science), magna cum laude**

Life

30 YEARS LIVING/WORKING/SERVING 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 TEACHER, MISSIONARY, TUTOR, MENTOR, CONSERVATIONIST, PROGRAM DEVELOPER

PERSONAL GENERAL CONTRACTOR FOR COTTAGE/RETREAT CENTER IN AFRICA.

WILLING TO TRAVEL, WILLING TO WORK REMOTELY, PREFER TEAM WORK