Frederick Bubbers
Writer/Teacher
Keedysville, Maryland
http://fredbubbers.com
https://www.linkedin.com/in/fredbubbers

Summary

Published author and experienced teacher with a Master of Fine Arts in Writing and an extensive background in software design and development.

WORK EXPERIENCE

English Teacher
Saint John's Catholic Preparatory
August 2020 – Present
- 11th Grade European Literature (Honors and College Prep)
- Advanced Placement English Language and Composition
- Creative Writing

Humanities Teacher
Maryland International School
August 2017 – June 2018

Teaching English Language Arts and Social Studies in the upper school International Baccalaureate program.
- American Literature
- British Literature
- Writing
- Geography and World Cultures
- US History

Senior Data Architect
American Public University
Charlestown, WV
March 2014 – January 2017

- Analyzed data requirements and developed dimensional data models to support data warehouse initiatives.

- Participated in database design discussions, collaborating with developers to ensure the database designs were accurate and supported efficient reporting.

- Assisted in the identification and resolution of inefficiencies in database designs and determined and implemented solutions for database design problems.

- Analyzed the impact of source system data design changes as they relate to the logical and physical data models and made appropriate changes to existing data models.

- Performed analysis to prevent data redundancy across systems and employed data integration best practices.

- Developed and maintains data architecture and administration standards including standardization of table names, column names, data types, etc.

- Enforced semantic consistency across the enterprise.

- Worked with implementation team to ensure smooth deployment of data models and ensured resolution of outstanding issues.

Data Architect
Myers-Holum
New York, NY
August 2013 – December 2013

- Provided data architecture services and data governance consulting for the implementation of a large-scale master data management initiative at a Fortune 500 company in the travel, hospitality and media industries.

- Standardized enterprise-wide business data definitions

Social Solutions Global
Director of Product Development
Baltimore, MD
January 2013 - June 2013

- Managed a team of software engineers and testers in the development and support of a hosted case management and analytics solution for non-profit and public sector social services providers.

- Designed and implemented an iterative software development life cycle (SDLC) process to improve timeliness and quality of releases, to conform to federal standards for government customers, and to obtain EHR certification.

- Designed and led development of a new data architecture to provide customers with powerful, user-friendly analytical dashboards and reports.

Myers-Holum, Inc.
New York, NY

Senior Principal
April 2012 – December 2012

- Client engagement manager and onsite lead for the planning, designing and implementation of large-scale, complex, high-performance data solutions, including Enterprise Data Integration (EDI), Enterprise Data Warehouses (EDW), and Master Data Management (MDM).

RWD Technologies, Baltimore, MD
Ancile Solutions, Inc., Elkridge, MD
Director of Product Development – Director of R&D
October 2006 – April 2012

- Managed a team of 50 engineers, program managers, testers, and technical writers in the development and support of three commercial product lines of enterprise level software.
- Responsible for managing division budget, product release schedules, engineering and testing schedules, negotiating contracts and managing relationships with outsourcing vendors, and reporting status to C-level executives.

- Implemented formalized SDLC processes that passed ISO 9001 audits and delivered higher quality product releases on time and on budget.

- Established 508 compliance across all product-lines.

- Following the spin-off of RWD Technologies' products division as Ancile Solutions in 2010, assumed the role of leading development of new software products to expand Ancile's business into new markets. Activities and responsibilities included market research, technology evaluation, business case development, managing the design and development of product prototypes, development of technological and business strategy, authoring product proposals, and providing technology briefings to company executives.

- Initiated the company's entry into cloud and SaaS product offerings.

Myers-Holum, Inc.
New York, NY
Data Warehouse Architect
February 2002 - October 2006

- Performed business analysis, data analysis, and dimensional data modeling for enterprise data warehouse projects for companies in various industries: banking and financial services, manufacturing, and media. Warehouse data architectures were based on Kimball dimensional modeling concepts.

Micros Systems, Inc.
Columbia, MD
Director of Software Development
December 1999 - January 2002

- Managed a team of 40 engineers, program managers, testers and technical writers in the development and support of a complex hospitality point-of-sale system. Responsibilities included budget management.

- Directed the engineering and QA teams in the development of a Version 1 release of the HMS 9700 hospitality management system, as well as 2 subsequent version upgrades, meeting all milestones and release dates.
- Managed the engineering and testing for level 2 support of released products, providing service packs at 6 week intervals.

- Instituted hybrid waterfall-agile SDLC processes that improved timeliness and quality of releases and provided both focus and motivation for the software development team, which reduced turnover. Development processes included weekly build cycles, software design reviews, code reviews, and automated testing.

- Instituted project/time management processes to provide proper accounting for capitalization and tax reporting requirements.

- Reported status of all development initiatives on a weekly basis to executive management.

Avtec Systems
Jericho, NY
Senior Software Engineer
June 1999 - December 1999

- As a hands on manager, led a team of developers in creating an institutional stock trading package for the securities industry. Application was cross platform (Unix and NT) as well as multi-database (Sybase Adaptive Server Enterprise and Oracle), and built using BEA Systems Weblogic as a transaction manager.

- As an engineer I designed and built the portable database interface layer and architected the messaging components.

- As a manager, I organized the team and established basic SDLC processes.

Myers-Holum, Inc.
New York, NY
Consultant
June 1996 - June 1999

- Development of client/server interfaces for VisualSuite, a graphical user interface for CA-Masterpiece.

- Design and development of custom client/server reporting solutions for CA-Masterpiece users, integrating CA-Masterpiece with Windows and Windows NT based technologies.

- Provided programming and technical support for consulting practice. Clients included Computer Associates, Pacific Bell, Temple-Inland.

Computer Associates International
Islandia, NY
Programmer - Development Manager
March 1987 - May 1996

- Development Manager for CA-Masterpiece.

- Created system architecture for CA-Masterpiece 3.0. Designed portable architecture for an enterprise level accounting package.

- Established design and coding standards for application developers. Designed and developed the Common Services subsystem for security, currency, multi-organization processing and calendar services.

- Authored software development and API guide for application developers

- Designed and implemented client/server extensions for CA-Masterpiece/2000, a three-tier client/server version of Masterpiece.

- Participated in the implementation of the Masterpiece architecture on multiple platforms, including mainframe, AS/400, Unix and Windows NT.

- Taught in-house training classes for development staff. Represented Computer Associates and performed technical presentations and industry trade shows. Assisted sales organization with technical presentations for prospective clients.

- Designer and project leader for the CA-Masterpiece 2.0 Runtime.

Hazeltine Corporation
Greenlawn, NY
Systems Analyst
February 1986 - April 1987

- Designed and implemented a real-time manufacturing inventory system.

- Designed and implemented modifications to Bill of Material system.

Equilease Corporation
New York, NY
Programmer/Analyst
July 1985 - January 1986

- Maintenance and development of contract and asset management systems for a commercial leasing company.

William H. McGee & Company
New York, NY
Programmer/Analyst
October 1983 - July 1985

- Maintenance and development of policy and risk management systems for a commercial underwriter.

EDUCATION

Vermont College of Fine Arts | Montpelier, VT
Master of Fine Arts, Writing
6/2017 – 7/2019

- Creative Thesis: *Natural Selection and Other Stories*
- Critical Thesis: *From Sketches to Masterpieces: Chekhov's Transformation of the Short Story*
- Graduate Lecture: *Writing with Five Senses*

Bullet Proof Management | Columbia, MD
Completed 12 month management training course provided by Crestcom International.
1/2001 – 12/2001

New York University | New York City, NY
Certificate In Computer Programming,
6/1983 – 9/1983

State University of New York | Albany, NY
Bachelor of Arts, English, Rhetoric
1978 - 1982

PUBLICATIONS

- "Truths" – short story, *Loch Raven Review*
- "A Victorian in 1990" – poem, *Loch Raven Review*
- "Last September" – short story, *Loch Raven Review*
- "After the Fire" – creative nonfiction, *Oregon Literary Review*
- "Absolutely Fourth Street" – short story, *Blue Lake Review*
- "No Direction Home" – short story, *Palabras*
- "Brothers" – short story, *CommuterLit*
- "Come Together" – short story, *Remington Review*
- "The Wedding Guest" – creative nonfiction, *Ginosko Literary Journal*
- *The RIF* – prose chapbook, Blue Cubicle Press
- "Reunion" – short story, *The Stockholm Review of Literature*