Irene Smith

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## Summary

Hybrid developer/technical writer, with over 30 years' experience with multiple programming languages and technologies. Comfortable with full stack development of both native applications for Windows as well as website and web-based applications. Extensive experience writing API documentation, design and requirement documents, and release notes.

## Technical Skills

**Application Development**: C# and VB.NET, VBA, Python

**Web Development**: HTML 5, CSS 3, JavaScript, jQuery, AngularJS, Bootstrap, ASP.NET, ASP 3.0

**Database**: Microsoft SQL Server, MySQL, Oracle, Microsoft Access, MongoDB

**Graphic**: Adobe PhotoShop, Corel PaintShop Pro, Gimp, Microsoft Visio, SnagIt

**Video:** Adobe Premiere Pro, OBS Studio, Adobe After Effects, DaVinci Resolve

**Source Control:** Git, Perforce, Visual Source Safe (VSS), SVN, Team Foundation Server (TFS)

**Development Tools**: Sublime Text 3, Visual Studio, Visual Studio Code, PyCharm

**Operating Systems**: Windows, Windows Server 2000-2008**,** Linux (Ubuntu), DOS, macOS

## Professional Experience

**Google, Inc.**

**Technical Writer IV (Contract) 8/2023 – 2/2024**

### Responsibilities

* Write documentation for Google Material Design 3
* Manage current documentation set for Material Design 3.
* Expand content for developer documentation for the Google Material 3/Wiz components.

**Amazon Web Services**

Code Example Developer (SDE) 9/2020 – 4/2023

### Responsibilities

* Developed C# code examples for the AWS SDK for .NET.
* Participated in an initiative to simplify the inclusion of code examples in developer documentation by including specialized comments in the code.
* Developed scenario applications that perform basic tasks for a single AWS service, and cross-service code examples, including services such as S3, and tools to manage load balancing and user access management.
* Acted as on call for the code examples build process which includes creating test builds on a virtual desktop, then initiating the actual build process on the build servers, and then trouble-shooting any problems that arise.

****Mozilla****

**Firefox Developer Content Manager (Contract)** 6/2018 – 11/2019

### Responsibilities

* Manage content for MDN Web Docs Browser Extensions and Firefox Developer Tools
* **Write tutorials for web development.**
* **Update and refine existing content to reflect new and updated Firefox features and web development best practices.**
* **Create example code for tutorials and web APIs.**

****MongoDB****

Technical Writer 9/2017 – 3/2018

*Responsibilities*

* Wrote documentation for MongoDB Atlas
* Collaborated with developers to document new features of MongoDB.
* Created web documentation for MongoDB using restructured Text (reST) and Sphinx.

****Moody’s Analytics****

Technical Writer (Contract) 11/2016 – 6/2017

*Responsibilities*

* Worked with developers to create technical documentation for Cloud Computing Project
* Created stylesheets and documentation templates.
* Helped define processes for support, development, and technical documentation projects.
* Created quick guides, workflows, and high-level overviews for end users.

****Credit Suisse, New York, NY****

Technical Writer (Contract) 5/2016 – 9/2016

Responsibilities

* Interviewed Developers to create technical documentation for CCAR Application Modules
* Helped to create SAD (Software Architecture Documentation) document for CCAR Application
* Created data flow and architectural diagrams and application screenshots.
* Wrote reference materials for use by support personnel in application troubleshooting.

****BNP Paribas, New York, NY****

Developer (Contract) 6/2015 – 12/2015

Responsibilities

* Wrote C# console applications that ran as automated network processes to update trade data.,
* Created VBA Scripts for Microsoft Excel that accessed network resources to create reports for traders.
* Enhanced the UI of a stock pricing application that uses MVC, Angular, and Bootstrap
* Wrote, reviewed, and edited project requirements and user stories as well as user documentation.

****TIAA-CREF, Charlotte, NC**** (Remote)

Senior Technical Writer (Contract) 11/2013 – 2/2015

Responsibilities

* Create and maintain templates and VBA macros to simplify document creation.
* Create and update the Developer's Reference for the PRISM API, an application that uses Oracle coherence to cache mainframe data for a Java API
* Create and update a data dictionary for use by PRISM developers.
* Create and update walkthroughs for the PRISM application that include step-by-step instructions and screenshots.

****Google, Inc., New York, NY 10011****

Technical Writer III (Contract) 7/2012 –7/2013

Responsibilities

* Wrote technical guides and other documentation using HTML5, CSS3, and markdown.
* Wrote and maintained API documentation for the following Ad Exchange technologies: Buyer REST API, Seller REST API, Buyer SOAP API, Real-time Bidding Protocol
* Wrote the developer’s guide for Google’s open-source project, Open Bidder, an application that allows you to invite third-party demand partners to compete for your inventory in a single auction with real-time, server-to-server bidding

**Medidata Solutions, Inc. New York, NY 10003**

Senior Programming Technical Communicator 1/2010 – 1/2012  
Senior Technical Communicator, **Team Lead** 1/2008 – 1/2010  
Technical Communicator 9/2006 – 1/2008

Responsibilities

* Wrote Design documents and Requirements Documents for Medidata Rave, an application that ran on **Windows Server 2008** and also used Microsoft Azure to access cloud-based resources.
* Used C# to develop ASP .NET applications, Windows applications, and Microsoft Word add-ins. These tools reduced document preparation time from days to minutes
* Created an maintained a local serverfor the Technical Communications team that maintained the source data for requirements and documentation projects.
* Used SQL Server to design and create database model for all internal tools including table design, stored procedures, and functions.
* Lead, mentored, and trained colleagues in creating design specifications and requirements.
* Team Lead for multiple documentation projects.

****Times Herald Record, Middletown, NY 10940****

Paginator, Assistant Obituary Editor 2/2005 – 1/2006

Responsibilities

* Developed a set of Microsoft Word macros to automate the process preparing obituaries, thus reducing preparation time from over half an hour to less than one minute.
* Documented obituary and classified preparation procedures.
* Prepared obituaries and classified advertising for printing.

****Microsoft, Redmond, WA 98052****

Programming Writer (FTE), SQL Server Group 4/2000 – 10/2003

Responsibilities

* Developed samples for the **System.Data** namespace of the .NET Framework for versions 1.0, 1.1, and 2.0 using C# and VB .NET to create console and ASP .NET applications.
* Used C++, Visual Basic 6.0, Java (Microsoft J++), JavaScript, and VBScript to develop console application examples for Microsoft ADO, OLE DB, and ODBC API references.
* Developed examples for Microsoft XML using C++ and Visual Basic
* Wrote documentation using Comment Editor to directly edit the .NET Framework source code.
* Ran a local Windows Server. Windows Server versions:

mpl2.com, Bellevue, WA

Programming Writer (on contract at Microsoft) 8/1999 – 3/2000

Originally called Meridian Partners, Ltd., mpl2.com placed writers in contract positions at various locations in Redmond, Bellevue, and Seattle including Microsoft.

Responsibilities

* Wrote conceptual and API reference documentation for Microsoft’s database objects.
* Used C++, Jscript, Visual Basic 6.0, VBScript, and Java to develop ASP 3.0 and console example applications for Microsoft ADO, OLE DB, and ODBC API references.

****Solo Game Development****

Designed, coded, created graphics, and wrote context-sensitive help files for several Microsoft Windows commercial game packages:

* **Casino Nights** (Craps, Roulette, Black Jack, and Video Poker)
* **Dice Games** (Crag, Over ‘n Under, and Bird Cage)
* **Solitaire** (Pyramid and Golf)

## Education

**University of Phoenix**, Online

BS Information Technology/Software Design

**Orange County Community College**, Middletown, NY

AA, Liberal Arts