Robert Williams
Technical Writer

Location: Mountain View, CA
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Profile/Skills

Over fifteen years experience in Silicon Valley writing for many of the top tech companies in the world.
- Two engineering degrees plus experience as an electrical/biomedical engineer
- Git, XMetal, Doxygen, DITA, Framemaker/Adobe products expert
- Excellent knowledge of state-of-the-art documentation delivery/infrastructure/design including Atlassian Tools (Confluence, Jira)
- Excellent programming skills including scripting languages (JavaScript, Python, Unix/Linux shell, etc.)
- Video writing and production skills (Adobe Premiere)

Education

- University of Virginia, Masters Biomedical Engineering
- Virginia Tech, Bachelors Electrical Engineering
- Regent University, Masters Communications
- New York University, Graduate (Film/TV production)
- Stanford University (writing coursework)

Professional Experience (full-time)

GOOGLE, Mountain View (2016-present)
Senior Technical Writer/Video Producer/Portal-site Developer. Worked for the following Google Alphabet and X companies on numerous projects:
- Google Health - Fall detection, monitoring, in-home health management
- Nest - Use of AI to monitor home, business (video, radars, IR detection)
- Wing : UAS (drone) flying delivery service (California, Virginia, Australia)
- Google Cloud : Database management projects
- Makani : Wind-based electrical generation kite for use in remoter areas
- Google Platforms : Misc. projects to improve data center efficiency
- Loon : Internet balloon project (Puerto Rico, US)
- Waymo : Self-driving car projects (video)

Oracle, Redwood City, CA (2014-2016)
Senior Technical Writer/Project Manager. Documentation/information delivery for multiple products in the Oracle Sales Academy which trained entire Oracle Sales organization. Played a key role in delivering bi-yearly training to over 25,000 salespeople worldwide (Oracle Open World/Ignite). Ran Jira Sprints and managed Dashboards. Tools: Framemaker, DITA (Oxygen),

Confluence, Jira and many other web-based applications/tools. Pushed the envelope with Jira and Confluence (custom Javascript apps) to provide seamless integration of Atlassian products.

Symantec, Mountain View, CA (2012-2014)
Senior Technical Writer. Worked on Symantec App Center installation, API, and user guides including training videos. Tools: Framemaker, XMetal/Docbook, Vasont.

Applied Physics Systems, Sunnyvale, CA (2009–2012)
Documentation Manager. Oversaw all documentation and website design for oilfield drilling technology company. Responsibilities included marketing collateral and technical training locally and at customer sites in Russia and the Middle East.

ESPIAL/Kasenna, Sunnyvale, CA (2006–2009)
Senior Technical Writer. Worked with Espial software, hardware, and QA teams to produce hardware, software, Java API, installation, configuration, and user manuals for IP-based TV networking delivery solution (Mediabase). Also performed training at customer sites throughout the US and Canada.

Synopsys, Mountain View, CA (2005-2006)
Created user guides, tutorials, and reference/API guides for EDA rule checker tool (LEDA).

ICTV, Los Gatos, CA (2004-2005)
Senior Technical Writer/Manager for Internet TV product. Oversaw all documentation, created hardware/software guides, APIs (Java, C++), user/configuration guides, quick start guides, and release notes (HeadendWare). Trained customers onsite and at home office.

Cadence Design Systems, San Jose, CA (2002-2004)

Senior Technical Writer. Worked on user guides, command references, tutorials, and flow guides for multiple product lines and DFT rule checking tools (Encounter, Fire & Ice, CeltIc, etc.). Created JavaScript HTML search engine called *CommandGetIt*, which allows daily builds and quick access to multiple API/Reference guides.

Consulting/Miscellaneous Projects

NASA, Mountain View, CA
Senior Technical Writer. Created documentation set and marketing collateral for SOFIA infrared telescope project.

NVIDIA, San Jose, CA
Created API, tutorials, and user documentation sets for multiple AI-related products including cuDNN, NGX, and NCCL. Used Doxygen to create customized deliverables on NVIDIA Developer portal.

Juniper Networks, Sunnyvale, CA
Created documentation for Juniper/Netscreen router training courses and labs.

Fujitsu, Santa Clara, CA
Documented 802.16 WiMAX SoC chip (datasheet, programming guide, application guide, and MAC guide).

Ricoh, San Jose, CA
Senior Technical Writer. Created documentation set for the Ricoh eQuill tablet, an electronic tablet used for collaboration.

Intel, Santa Clara, CA
Worked on SDK documentation for Intel Perceptual Computing (MadCap Flare, Robohelp).

Logitech, Newark, CA
Created user/api guides for Logitech telephony devices.

Gyrfalcon, Milpitas, CA
Senior Technical Writer. Documented embedded next-gen AI learning system software using Deep Neural Networks.

Exablox, Mountain View, CA
Created user and quick start guides for network data storage devices.

Plantronics, Santa Cruz, CA
Created API and SDK documentation for BladeRunner networking protocol used for headset devices. Created SDK for Spokes device software for context-enabled devices, including marketing collateral (white paper). PDF and Web-based deliverables (XMetal/DITA).

Philips, Santa Clara, CA
Documented Philips CRM medical software (user guide).

HP (Agilent), Santa Clara, CA
Created documentation set for camera chip used in cell phones.

Mosys, Santa Clara, CA
Created user guides, datasheets, and application notes for Mosys' product line including SerDes, DDR, and their patented, high-density 1T-SRAM technology.

Other

Systems/languages: Win9x/NT, UNIX, VisualBasic, C/C++, Perl/CGI, Python, Java, JavaScript, HTML, SGML, XML, ASP, PDF (multi-book indexing), all Adobe products including Frame (structured), InDesign, all Microsoft products, JavaDoc, Docbook, Quadralay ePublisher, WinHelp, Robohelp, Oxygen, twiki, MadCap Flare, Vasont, XMetal, DITA, Atlassian products expert (Confluence, Jira). Specialties: Creating/publishing API and other documentation deliverables onto corporate sites straight out of Doxygen code base.