

# Kimberly King

## Technical Writer | Project Engineer

Oakland, CA

-Email me on Indeed: <http://www.indeed.com/r/Kimberly-King/d334743c9a532f65>

### GENERALIST SKILLS:

- Technical Writing and Copy Editing | Renewable Energy Engineering | Sustainable Development | Systems Engineering | Systems Analysis | Web Architecture | Web Content Management
- Research, planning, scope, design, deployment, installation, operations and maintenance (O&M)
- Broad-based computer skills including hardware, web and software
- Comprehensive knowledge of current research and trends being conducted in the field of renewable energy and sustainable development; nationally and internationally

### GREATEST STRENGTHS:

- Out thinking the box
- Strategizing and provoking innovative evaluation, development and implementation
- Taking bold, decisive, definitive action identifying and revealing solutions others don't realize
- Identifying opportunities for developing and implementing everyday brilliance for disaster resilience
- Agile networker, building strategic alliances utilizing conventional/unconventional approaches
- Working in collaborative teams
- Composing concrete, concise, clear technical documentation
- User innovation

### SOCIAL MEDIA:

LinkedIn, Twitter, YouTube, Slideshare, Blogging, Facebook

### WEB SITE:

<https://www.outthinkthebox.net/>

<http://www.outthinkthebox.net/services/writingsamples.html>

Willing to relocate to: Oakland, CA - Sacramento, CA -

Authorized to work in the US for any employer

## Work Experience

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### Renewable Energy Engineer

Out Think The Box - Oakland, CA

September 2007 to Present

[Nov 2015 - Present] Land-action.org | 100 Micro-farms in 5 Years Campaign. Design, plan, develop urban adaptation strategies for water-resource management, and hyper-intense urban farming.

[May 2014 - Present] S.E.E.C. [Sustainable Energy Efficient Comfortable] Home Tiny Dwellings

[Nov 2013 - Present] Ethane as a green(er) transportation fuel opportunity

[Oct - Dec 2013] SB 43 SF East Bay Area Community RE Project. Perform discovery for community hybrid RE projects on electrical distribution networks in underrepresented urban communities.

[Feb 2012 - Jun 2013] Wysinger Family Decommission a freewheeling small WTG in Berkeley, CA. Guideline report for decommissioning wind turbines in the built environment.

[May - Nov 2012] UH-HNEI | DoE Grid, Photovoltaic & Battery Smart Grid Inverter Project; part of the US DoE Energy Efficiency & Renewable Energy SunShot Initiative - Contributed to a nascent smart grid communications protocol standard for embedding a high-penetration of residential PV inverters on existing electrical distribution networks.

[Nov - Dec 2012] St.Vincent de Paul Society of Alameda County, CA. Develop everyday brilliance for disaster resilience i.e back-up power emergency response option & contingencies for disaster relief events incl. investigating alternative, agile & adaptable storage opportunities for uninterruptible power during disaster relief events & for robust, long-term sustainable needs.

[2011] Grarado Green Energy. Perform Jatropha Tree research & due diligence for use in sustainable biomass/biofuel applications in Haiti.

[Apr - Sep 2011] WWOOF on Organic Farm-Vineyard-Orchard-Ranch, Napa, CA. Apply sustainable development knowledge in the field. Proposal included developing a commercial application schema for:

- Small wind turbine
- PV & solar hot H2O systems
- Biomass waste recovery systems

[Aug 2009 - Present] Investigate water reclamation, using RESTs to condense moisture in the air for use in urban farm irrigation.

## **Sr. Technical Writer**

Self-Employed

June 1999 to Present

Research, design, edit, revise, write compelling copy and narratives for general and global audiences in the energy, medical, software, hardware, and manufacturing industries. Perform independent technology reviews. Streamline documentation work flow processes. Create and maintain web page views using HTML or other mark-up tools.

Responsible for composing a user's manual and installation guide for the Epley Omni ax™, a device used in the non-invasive diagnosis and treatment of the most complex and disabling positional vertigo disorders. <http://www.vesticon.com>

Design, compose, edit, rewrite and revise documentation, installation guides, tutorial guides and training manuals including print and on-line web page views for makers of the easy-to-use, thin-client touch screen Apheresis that improves the patient waiting room experience. <http://www.phreesia.com/>

Edit and rewrite web copy for global audiences for the Seagate Web Globalization Content Conversion Project Project for the e-business solution firm, Ion Global. Utilized Vignette CMS to manage version control of documentation. <https://www.seagate.com>, <http://www.ionglobal.com>

Research, compose, edit and revise documentation, installation guides, user manuals and tutorial guides in the Server Products Documentation Department for MDL, Inc. a scientific software company that is a leader in discovery informatics. Ensure quality of documentation for accuracy, completeness, and adherence to quality assurance test standards, including print and on-line web page views. Create Oracle database test files. Utilized RoboHelp for marking up online help content. <http://www.mdli.com/>

## **Contributor and Reviewer**

PLEA

November 2015 to July 2017

Scientific Committee participant and reviewer of papers on issues of efficiency, innovative thinking and products, and new approaches to solving water and waste problems as a part of this conference on passive, low-energy architecture designed to thrive. <https://plea2017.net/forums/>

## **Project Engineer**

Renewable - Loughborough, Leicestershire

August 2009 to December 2012

Conduct wind and hydrokinetic engineering research, provided analysis for a consultancy specializing in energy conservation, maximizing of resource efficiencies and system automation and integration.

## **Project Engineer**

Rumsey Engineers - Oakland, CA

January 2006 to June 2006

Define the data control points, monitoring equipment and data visualization software selection for energy and resource performance monitoring on the Carnegie Institution Global Ecology Center building.

Deliverables included:

- Scope of Work and Equipment, Building Performance Monitoring
- Proposal for Technical Assistance Services

Conduct performance-based energy calculations and analyses for PG&E's Non-Residential Incentive Program with a focus on industrial buildings. Provide content updates and assist with report generation.

## **Web Architect | Sr UNIX Systems Administrator | Programmer**

Freelance - Oakland, CA

April 1994 to August 2005

Perform the duties of a Senior UNIX Systems Administrator, Programmer and Web Architect at high-profile computer science and web companies in the SF Bay Area and Baltimore, MD, including:

- Install and configure one of the first streaming video web servers on an e-commerce web site [1999-2000].
- Work closely with the Facilities Department to ensure uninterruptible 24/7 power supply needs were met, including configuring an industrial Liebert UPS.
- Provide technical support to 350+ in-house and remote staff, plus three million end users.
- Provide 24x7 Level I, II, and III support for all production web servers and end-user workstations in heterogeneous platformed environments including trouble-shooting the network and network backups.
- Front-end and back-end technical assistance in the development, design, implementation and construction of navigation, layout, style, graphics, database and web content of intranets and extranets.

- Manage and direct the work of eight Systems Administrators.
- Responsible for managing the Help Desk.
- Assist with the design, building and implementing an automated Help Desk Work-flow tool.
- Maintain and update internal IT/IS web site/intranet.
- Perform usability tests and analyze test files.
- Assist in data report preparation and special programming projects.
- Automate programs using interactive Bourne Shell, Korn Shell, sed and awk scripts.

## Education

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### **Continuing Education in Industrial Maintenance | Machining, Welding**

Laney College - Oakland, CA

2014 to 2016

### **MSc in Renewable Energy Systems Technologies**

Loughborough University (UK) - Loughborough, Leicestershire

August 2008 to November 2010

### **MS Candidate in Environmental and Health Engineering**

Johns Hopkins University - Baltimore, MD

April 1994 to February 1996

### **BSc in Mathematics**

Georgia State University - Atlanta, GA

August 1991 to March 1993

## Skills

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- Technical Writing (10+ years)
- Content management
- Systems engineering
- UNIX
- Adobe InDesign
- Adobe Creative Suite
- Data collection
- Google Docs
- Adobe Photoshop
- Mechanical knowledge
- Machining (1 year)
- Welding (Less than 1 year)

## Links

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<https://www.linkedin.com/in/kimgerly/>

## Certifications and Licenses

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### **OSHA 30**

July 2015 to Present

License 32-601170851

### **Wind Power and Turbine Technology (ASME)**

January 2007

### **PV Design and Installation**

April 2004 to Present

Solar Energy International

## Assessments

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### **Customer focus & orientation — Expert**

September 2021

Responding to customer situations with sensitivity

Full results: [Expert](#)

### **Social media — Expert**

October 2021

Knowledge of popular social media platforms, features, and functions

Full results: [Expert](#)

Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field.