

**COMMERICAL SOFTWARE DEVELOPMENT EXECUTIVE**

**Extensive expertise in commercial product development; Technology Development, Team Leadership; Staffing, Motivating, Managing multi-disciplined technology teams; Strategic Development; 2D/3D Visualization; User Experience; Products ranging from consumer level to large scale mission critical military systems.**

Managed cross-functional technical teams developing commercial products generating up to \$70 million annually with responsibility for research, development, quality assurance, production and lifecycle management. Managed multiple development teams in domestic and global locations. Controlled development and research budget and set technical/strategic vision and goals.

Lead development, contributed to, or personally developed the following commercial software products: *Side-scan Sonar Mosaic Suite*, *Shallow Seismic Acquisition and Processing*, *Seabed Classification*, *Volumetric Container Inspection*, *Picasa*, *Kai's Power Tools*, *Bryce 3D*, *Kai's Photo Soap*, *Kai's Power Goo*, *Kai's Photo Show*, *Metastream*, *vrTrader*, *Amber Virtual Reality Toolkit*.

Holds a Bachelor of Science Degree in Computer Science from Chapman University.

**CHIEF TECHNOLOGY OFFICER**

*Confidential* (Jun '04 – Present)

Managed development team for suite of underwater imaging products. Set new product development goals. Reduced product development costs by 70% while increasing product stability and usability. Individually created 4 new products and a host of technology innovations.

**CHIEF TECHNOLOGY OFFICER**

*Lifescape Solutions, Inc.* (Oct '02 – May 03)

Managed development of software and operations team for *Picasa* product development. Acquired by Google.

**CHIEF TECHNOLOGY OFFICER**

*HealthAllies, Inc.* (Feb '00- Oct '02, Oct '03 – Jun '04)

Full accountability for development of web-enabled business strategy. Managed cross functional disciplines and lead overall design of system architecture. Full P&L responsibility for multi-million dollar development budget. Acquired by United Health Group.

**VICE PRESIDENT, ENGINEERING**

*MetaCreations, Corp.* (Aug '96 – Jan '00)

Responsibility for managing research and development as well as product development. Increased product delivery cycles by 3X. Rebalanced technology teams to improve efficiency and re-use of software components across the corporate product suite. Responsible for managing products generating over \$70 million annually. Managed technology integration during several mergers and acquisitions. Managed Intel and Microsoft partner relationships. Controlled development lifecycle of *KPT*, *Bryce*, *Goo*, *Show and Soap*.

## **MAURICE DOUCET**

503.260.5840 / mdoucet@planetmoe.com

### **FOUNDER**

*Dive Laboratories, Inc.* (Jan '93 – Aug '96)

Invented new Virtual Reality capabilities for use in immersive training and simulation. Spun off military technology development into commercial product capabilities. Invented cross-platform 3D tools for rapid application development. Acquired by MetaTools, Inc.

### **LEAD SYSTEMS ENGINEER**

*California Microwave* (May '92 – Jan '93)

Lead development of airborne search and surveillance platform employing multiple imaging sensors, on-board navigation systems and operator controls. Involved from start of conceptual white-papers through software development, integration, airborne testing and government trials. Start to finish program completed in 18 months.

### **LEAD ENGINEER**

*Tau Corporation* (Sep '89 – Mar '92)

Research and development work funded by DARPA and related military customers involving desktop simulation, neural networks and expert systems.

### **LEAD ENGINEER**

*Northrop Corporation, B-2 Division* (Jul '87 – Sept '89)

Development of auto-pilot and navigation management system.

### **LEAD ENGINEER**

*Computer Science Corporation* (Apr '86 – Jul '87)

F-16 Digital Flight Controls flying quality analysis software.

## **PUBLICATIONS, RELATED ARTICLES, INTERVIEWS**

*Technologies and User Experience Techniques for Rapid Survey Assessment*, Presented at Oceans International in London, 23 March, 2006.

*CNBC*, Interview for Advanced Photo Imaging Application *Picasa*, PMA 2003, Las Vegas.

*CNN*, Interview for Stock Market Visualization System, *Mechler Virtual Reality Conference*, 1994

*The Myth of Order*, Industry Expert Interview, *Wired Magazine*, April 1999.

*Virtual Reality Goes to Work*, *Byte Magazine*, March 1996, References to *Amber*.

*Applications of Virtual Worlds*, References to *vrTrader*.

*Assets in Wonderland*, *Byte Magazine*, July 1995, References to *vrTrader*.

*Knowledge-Based Attack Planning*, Presented at Wright Patterson AFB, AI Session, March 1988