

# JAN VANDENHENGEL

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## Summary

- Extensive technology management experience leading projects up and down organizations.
- Seasoned professional: Results oriented, visionary leader with integrity and technical competence.
- Expert knowledge of infrastructure services, data networks, and technology/systems integration.
- Exceptional interpersonal and writing skills. Fluent in Dutch and conversational in German.
- Presented infrastructure strategy proposals to executive teams in Silicon Valley and Wall Street.
- Developed technology strategies for numerous organizations as a consultant and full time employee.
- Thrive on seeking and executing solutions to complex problems across many technical disciplines.
- Demonstrated financial and risk management skills for a myriad of businesses and startups.

## PROFESSIONAL EXPERIENCE

### NGMOCO, INC.

*Director of Network Services*

**San Francisco, CA**

2009-current

- Managed the design, purchase, and comprehensive implementation of a global game network and CoLo infrastructure servicing numerous real-time games for over 800,000 daily active users.
- Developed and implemented an infrastructure strategy utilizing both cloud and co-location based computational resources to support a diverse system of software and hardware requirements for Ngmoco products as well as a myriad of in-house IT services.
- Manage a team of engineers that is responsible for all corporate information technology systems.
- Designed and deployed a system that currently supports 4.5 million Plus<sup>+</sup> users within Ngmoco's rapidly growing and evolving game network.
- Integrated two customer acquisitions and am currently coordinating the relocation of our corporate headquarters within the city of San Francisco.

### PERLEGEN SCIENCES, INC.

*Network Operations Manager*

**Mountain View, CA**

2004-2008

- Purchased, architected, and rebuilt a \$10 million infrastructure using state of the art hardware and software. Managed myriad of vendor and consulting relationships along with a \$2 million annual IT budget. Initial three year system design and rebuild resulted in a 16% annual budget savings.
- Built-out the IT Infrastructure for our Tokyo satellite office. Architected a Trans-Pacific secure data channel to facilitate U.S. operations in order to circumvent Japanese law prohibiting the export of DNA.
- Managed a team of system and network engineers who maintain the computational infrastructure surrounding the largest genomic databases in existence. Reduced downtime by 95% during five years.
- Conceived and architected a secure online portal that is the primary data transfer conduit between all of our customers. Advised company leadership on technology initiatives to support business strategy.
- Designed and built a fully redundant global email system that processes, filters, and quarantines over 40 million messages annually for both US and Japanese users.
- Presented numerous business cases to the executive committee in order to secure funding for strategic short and long term infrastructure related expansion projects.

### CMGi

*Senior Infrastructure Consultant*

**New York, NY**

2003-2004

- Designed and managed the implementation of a monitoring system at American Payment Systems. Platform monitored a technology infrastructure that processed \$100 million in utility bills monthly. Real time 24x7 status reports for all system, network, and telephony devices reduced overall system outages by 80% in the first year of service. Created software to monitor proprietary devices as needed.
- Developed and implemented a failover plan to assess the redundancy for Fleet Credit Card Service's new online presence. Initiative led zero downtime in the first year of operation.

**IMPLI, INC.***Senior Systems and Integration Engineer***San Francisco, CA**

2001-2002

- Chief architect and project manager responsible for porting initial Microsoft based media distribution infrastructure over to an embedded Linux platform. Project resulted in hardware and software cost savings of 75% per server, significantly changing the capital structure of the business model.
- Taught weekly Unix/Linux classes to in-house software developers and senior management in preparation for migration to an embedded Linux platform. Senior Unix/Linux administrator responsible for development and maintenance of all Unix based systems.
- Developed and implemented security infrastructure for a 700 node store media distribution network.

**ESCORE.COM***Operations Manager***Oakland, CA**

2000-2001

- Managed a team of six engineers and contractors responsible for software development as well as Unix and Oracle based database administration on a production e-learning portal.
- Helped grow the engineering team ten-fold in less than eight months while hiring top talent in the Bay Area in one of the toughest hiring markets the region has ever seen.
- Designed, purchased, and configured a \$2 million internal web development infrastructure that serviced a team of over 25 software and database engineers. This system had zero downtime during my tenure.
- Head systems engineer and administrator for all production eScore.com systems. Responsible for all staging and production web repositories and code pushes.

**NETGAIN, LLC.***Network Engineer***New York, NY**

1998-2000

- Performed baseline analysis of ECN Strike Trade Network, as well as Bear Stearns' over-the-counter trading infrastructure. Encompassing 15% of Wall Street's total trading volume at the time, this analysis dealt with capacity planning and determining the impact of decimalization on the trading systems scattered throughout multiple data centers in New York and New Jersey.
- Uncovered the source of a financially crippling bug that had caused quote delays up to 60 seconds during high volume trading periods of the internet boom.
- Implemented and tested InterWise remote learning application in an experimental environment to determine security implications, bandwidth requirements, and roll-out logistics on a global IT network. Application was then used to train traders throughout the world.
- Presented findings in a detailed presentation to the CTO of InterWise and Bear Stearns Directors.

**SCHLUMBERGER, INC.***Applications and Sales Engineer***San Jose, CA**

1997

- Provided technical sales support and developed client specific profiles to ensure seamless integration between the unique feature sets of mobile handsets and carrier specific GSM networks in North America.
- Coordinated future product development, testing, and implementation between Schlumberger's Paris R&D team, US based GSM carriers, and all major cellular phone manufacturers.
- Responsible for all embedded subscription code sent to Schlumberger's manufacturing and coding facility. Chip code generated the mobile subscriptions for hundreds of thousands of users using GSM mobile telephony technology on networks in the USA and Europe.

**TRIPSITE.COM***Co-Founder and CTO***Springville, PA**

1999-current

- Designed and implemented site-wide Google AdWords campaign that has led to 33% revenue increase for 6 consecutive years. Developed AdWords metrics for over 12 product categories and 50 SKUs.
- Implemented futures contracts to hedge currency risk against Euro receivables exposure.
- Coordinated the design and implementation of successful family owned and operated travel web site. We currently receive 60,000 plus hits per month and have annual sales of over \$1 million.
- Manage all day to day technical aspects of the website including the email and spam systems.

## EDUCATION

**THE WHARTON SCHOOL, UNIVERSITY OF PENNSYLVANIA**  
**Master of Business Administration**

**Philadelphia, PA**  
2007-2009

**PENNSYLVANIA STATE UNIVERSITY**  
**Master of Science, Mechanical Engineering**, focus in applied mathematics  
**Bachelor of Science, Engineering Science**; cum laude, University Scholar

**University Park, PA**  
1998  
1992-1997

- Studied Junior year abroad at the University of Leeds, England
- Senior year teaching intern for Engineering Mechanics and Dynamics courses