EXPERIENCE

ZILLOW

VICE PRESIDENT OF ENGINEERING

Seattle, WA 2011 – present

Leading twenty software development teams to build features that help customers buy their next home and/or sell their current home. Areas of responsibility include:

- iOS and Android mobile apps
- Agent tools, including CRM, profiles, reviews, and reporting
- Premier Agent payments and checkout path
- Core Zillow billing engine
- Live connections between customers and real estate professionals

SENIOR DIRECTOR OF PRODUCT DEVELOPMENT

Led product and engineering for four backend data teams:

- Listing Import: Integrating the for-sale/for-rent listings that power Zillow's core shopping experience
- Listings Images: Managing Zillow's photo processing infrastructure
- Properties: Populating Zillow's database of all homes from public records
- GIS: Performing spatial data analysis and maintaining region definitions

SOFTWARE DEVELOPMENT MANAGER

- Established a model for launching Python-based web applications.
- Helped launch a new impression-based in-house advertising platform.

COZI GROUP

SOCIAL PROJECTS ENGINEERING LEAD

Seattle, WA 2010 – 2011

- Developed the initial framework and calendar section of the Cozi Android application.
- Developed and launched a baby names resource site, built in Python/Django.

BALLHYPE (acquired by FUTURE US)

South San Francisco, CA 2007 – 2010

FOUNDER/DIRECTOR OF ENGINEERING

- Built the BallHype content aggregation platform and the ballhype.com and showhype.com web sites, reaching a combined 3 million monthly unique users at the time of their acquisition.
 - Backend application aggregated and analyzed millions of documents each day from social, media, blog, and video sources.
 - Frontend application provided a robust user experience, including contests, messaging, voting, and other social networking features.
- Launched 100+ additional aggregation sites that, along with ballhype.com and showhype.com, reached a combined 15 million monthly unique users.
- Migrated the platform to Amazon's EC2 Web Services.

BIZ360 VICE PRESIDENT OF ENGINEERING

San Mateo, CA 2003 - 2007

- Led three functional teams to manage and extend the company's media and blog analysis applications:
 - o Infrastructure Engineering: Java-based distributed computing platform for large-scale content aggregation and text analytics
 - o Application Engineering: Java-based business intelligence application
 - o Product Management
- Launched blog-monitoring product, enabling a 4x jump in processing scale.
- Established agile software development methodologies.

INFRASTRUCTURE ENGINEERING DIRECTOR

 Managed and contributed individually to the backend engineering team, responsible for a high-volume Java-based distributed computing application. Application components included web spidering, HTML data harvesting, indexing/searching, natural language processing, and data warehousing.

DETERMINE SOFTWARE

SOFTWARE DEVELOPMENT DIRECTOR

San Francisco, CA 2000 - 2003

- Led development of the Java-based DETERMINE web applications for leasing and contract management. Coordinated the engineering release cycle--managed shared resources, prioritized tasks, and improved efficiency throughout the development process.
- Launched four new applications and several other features and enhancements.
- Contributed individually to Java/JSP development projects.

WEB DEVELOPMENT MANAGER

- Managed the web development team, responsible for JSP, HTML, JavaScript, and UI design.
- Launched a graphical redesign and a UI overhaul.

ZING NETWORKS

DIRECTOR OF SERVER ENGINEERING

San Francisco, CA 1999 - 2000

- Managed the 12-person development team for the Perl-based Zing.com online photo application.
- Launched an e-commerce engine and several co-brand sites, including English and Japanese versions of Sony's ImageStation.
- Contributed individually to Perl/HTML::Mason development projects.

PRODUCT MANAGER

 Planned, managed, and launched several new features for the Zing.com site, including a complete visual redesign and technical overhaul.

INTEL INTERNET CONTENT PRODUCER

Santa Clara, CA 1997 - 1999

 Coordinated internal & external partners with internal & external development teams to develop rich media content for the Intel WebOutfitter service.

SENIOR MARKETING ENGINEER

 Managed the e-commerce-enabled web site for the Intel AnswerExpress support suite, an Internet-based service for PC users.

NBA.COM (STARWAVE)

EDITORIAL PRODUCER

San Francisco, CA 1999 - 2000 Developed HTML content for NBA.com: The Official Site of the National Basketball Association. Managed browser compatibility/page download issues and maintained code consistency.

JAVA BOUTIQUE

FOUNDER AND PRINCIPAL

Seattle, WA 1995 - 1997

- Created and launched the Java Boutique, an early Java resource site.
 Reviewed and incorporated submissions from independent Java developers, and assisted web developers with adding applets to their sites.
- Sold to Internet.com in 1997.

MICROSOFT

PRODUCT MANAGER INTERN

Redmond, WA 1996 Developed marketing collateral, including press tours and reviewer's guides, for a suite of Internet servers in the Internet Platforms and Tools Division.

EDUCATION

UNIVERSITY OF WASHINGTON

MASTER OF BUSINESS ADMINISTRATION

Information Systems and Marketing

Seattle, WA 1995 – 1997

3.6 GPA

BRIGHAM YOUNG UNIVERSITY

BACHELOR OF SCIENCE

Business Management and Finance

Provo, UT 1988 – 1990

3.5 GPA