

+ objective

I currently manage a team of software engineers in EMEA providing high quality sample apps, libraries, tools, and educational resources for mobile, web, and cloud developers. I seek a challenging management position where I can apply my software design and leadership skills to bring exciting new products and services to market.

+ employment

Google London, UK
Manager, EMEA Developer Relations Engineering Apr 2014 to Current

- Supported numerous product launches, sample apps, libraries, tools, and educational resources for Android and Chrome.
- Grew a strong, productive team from 5 to 14 engineers in six months.
- Received 97% favorable rating in 3Q2014 manager feedback survey (one of the top scores in my organization).
- Received a 100% manager satisfaction score in 1Q2014 internal survey.
- Built a happy, productive, and thriving team while relocating self and family to new country, and working with a new group of engineers on a new set of projects, right after a major reorganization.

Google Seattle, WA, USA
Technical Lead/Manager, Developer Relations, Google Cloud Platform Sep 2011 to Mar 2014

- Supported product launches, sample apps, documentation, and outreach for Google Cloud Storage and Google Compute Engine
- Developed the demonstration app highlighted in the Google I/O 2012 keynote for the Google Compute Engine launch
- Bootstrapped a highly productive, highly regarded engineering team in Seattle from two to twelve engineers.

Alcatel-Lucent Seattle, WA, USA
Distinguished Member of Technical Staff 2006 to 2011

- Lead engineer on numerous custom applications for major North American service providers. Invented and delivered multiple profitable new applications including the ALU System Performance Metrics (SPM) solution.
- Lead developer on a major network infrastructure replacement product for the largest cell phone provider in the UK (Vodafone). Designed and developed several software components and re-invented the build management process and tools.
- One-year special assignment consulting for AT&T Wireless in Redmond, WA on network design, capacity planning and system management of large scale, distributed service provider messaging systems.

Lucent Technologies Columbus, OH, USA
Distinguished Member of Technical Staff & Technical Manager 1996 to 2006

- Managed team of twelve engineers responsible for architecture, design and implementation of AnyPath (world's most successful messaging system for mobile carriers), including responsibility for the operating system (SCO UnixWare), speech processing, remote file access, billing data, system maintenance, call processing, and software packaging.
- Feature lead responsible for architecture, design and implementation of wireless messaging feature (MMS). Produced prototype software that grew into product used to deliver voice mail to the Apple iPhone. Designed and co-implemented the AnyPath mailbox locator, a fast memory-resident distributed database along with a simple network-based query protocol (over 10 million subscribers now use this software every day).
- Designed and co-implemented telephone signaling interface based on SS7 for a distributed, fault tolerant voice mail system.

Bell Laboratories Middletown, NJ, USA
Member of Technical Staff 1982 to 1996

- Lead designer of Wizard II wireless telephony product for DEFINITY PBX. Designed network layer signaling protocol and mobility management software based on Digital European Cordless Telephone (DECT) standard.
- Lead software engineer on DEFINITY PBX development teams. Contributed to the definition and development of the computer telephony interface for third party call control known as the Adjunct/Switch Application Interface (ASAI).
- Led and contributing member of numerous projects in support of computing environment and networking infrastructure for researchers and engineers at a major Bell Labs R&D facility. Designed and managed the first major TCP/IP intranet deployed at the Bell Labs Holmdel facility. Systems programmer on Unix systems and IBM mainframes.

+ education

Cornell University
Master of Engineering Computer Science 1983

Rutgers University
Bachelor of Arts Mathematics 1982

+ projects

Google Compute Engine book
(O'Reilly Media)

With Kathryn Hurley and Paul Newson

Introductory Python programming
course (2009-2011)

Instructor, University of Washington

+ skills

LANGUAGES	DESIGN	MOBILITY
C	Unix/Linux	Telecomm
C++	Distributed systems	Networks
Go	TCP/IP Networking	Android Development
Python	Cloud Computing	SS7
Java		
JavaScript		

+ awards

US Patent 7006606

Sponsored information distribution method and apparatus

US Patent 7515701

Method and apparatus for screening calls from a telephony device

Bell Labs Distinguished Member of
Technical Staff

Appointed DMTS in 1990 for sustained and innovative technical contributions to AT&T Bell Labs.