Jeffrey Tu

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Career Highlights / Qualifications

- Extensive experiences in building up efficient R&D and Product teams from scratch.
- Hands-on experiences on large scale database and systems architectural design.
- Helped multiple companies moving into new markets through innovative new products.
- Author of three popular shareware applications: TuHex, TuComHex and TuFtp.

Professional Experience

VP, Product Development & Operations, Oct 2014 – present
Koofun Network Technology, Ltd., Shanghai, China
Start-up in the field of online education and career advancements. Involved in all aspects of business strategy, product feature and architectural design, product development, and business operation.
- Designed business logic, product features and complex core databases (800+ tables).
- Designed main product architecture which included both frontend and backend.
- Designed all the main algorithms related to key business logics, directed and participated in coding of key business modules.
- The product development involved following technology: Spring MVC, MySQL, Redis, MyBatis, RabbitMQ, Solr, HAProxy, Jenkins, XenServer, and CentOS.
- Built remote development and product teams in Wuhan with limited budget, provided mentorship to team members which included many junior level engineers and student interns.
- Authored business plans for VC investors, raised 10 million Yuan (approximately 1.5 million USD) VC investment funding.
- Company products included one online mock test site www.51mokao.com and one career advancement site www.koofun.com. 51mokao is popular among students who are preparing for their exams, and the number of mock test scores on 51mokao has exceeded 10 million.

Senior Advisor, Aug 2013 – Oct 2014
TopAuto Net, Beijing, China
As a senior advisor appointed by the CEO of TopAuto's parent company (Auto China International) with a mission to build the company from ground up, my main achievements included following:
- Helped CEO to identify new market and new products, designed new product features and product architecture, managed the full development cycle of the new products.
- The product development utilized following technology: Spring MVC, MySQL, MyBatis, Redis, MongoDB, Solr/ES, RabbitMQ, etc..
- The new product KyPay, a credit payment platform for logistics industry, required high degree of product security, availability, and scalability. This product was a huge success, and the total transaction processed by KyPay exceeded 10 billion yuan (approximately 1.5 billion USD) in the second year after its debut.
- Built and maintained strong technical partnership with reputable US and European companies.
- Built up a highly skilled and efficient R&D team from scratch. The team was later grown into a 300+ person R&D center.
- Remotely managed and coordinated the work among different teams in China and Europe.

CKO, Feb 2013 - June 2013
Ceetop Inc. , Hangzhou, China
As a Chief Knowledge Officer, I was responsible for company's IP portfolio buildup and staff training.

Deputy General Manager, January 2011 – August 2012
Information Security Software (China) Co., Ltd., a subsidiary of China Information Technology Inc. (NASDAQ: CNIT), Shenzhen, China
As a deputy general manager in charge of technology and product development, my main achievements included following:

- Envisioned, designed, and oversaw the development of two new product lines: an interactive whiteboard software called Wikiboard and a cloud based digital signage system called PubDS which included content management portal and signage player.
- Designed the feature list and architecture of Wikiboard and PubDS. The product development utilized following technology: WPF, QT, Video Stream, MySQL, Redis, Spring MVC, etc..
- Built highly efficient and productive R&D and Product teams from scratch, created a valuable outsourcing relationship with a reputable European company for CNIT.
- Remotely managed and coordinated the work of different teams in China and Europe.

Director of Internet Business Division, July 2010 – December 2010
Information Security Technology (China) Co., Ltd., a subsidiary of China Information Technology Inc. (NASDAQ: CNIT), Shenzhen, China
As a director who was hired to build the internet business division from scratch, my main achievements included following:

- Helped the company to identify new growth area for China Information Technology's internet endeavor and designed the relevant product strategy.
- Built the team which included developers, UI designer, and QA engineers from scratch.
- Started the development on several projects which included digital signage systems, and RFID based anti-counterfeiting systems.

Senior Software Engineer, March 2008 – February 2010
Memeo Inc., San Jose, CA
As a senior C# software engineer who worked on all major products of the company which had millions of installations worldwide, my main responsibilities and achievements included following:

- Identifying and resolving mission-critical bugs; Improving product robustness and performance; Designing and implementing features for Memeo's Backup, Share, and AutoSync products.
- Major achievements: Doubled the performance of Backup on USB drive and tripled the performance of Backup on NAS (Network-attached storage) drive; Fixed AutoSync file corruption issue which was caused by connection interrupt during syncing process.

Outsourcing Project Manager, April 2004 - December 2007
Datum Data Co., Ltd., Shenzhen, Guangdong, China
Managed a team of 50+ staff working on multiple projects which were outsourced from major international companies such as Johnson & Johnson and UBS. My main responsibilities included following:

- Working closely with company's international customers to write project plans, technical design specifications, user requirement specifications, and project timelines. Ensuring all the projects and products are delivered in time, in budget, and in good quality.
- Providing technical leadership and mentoring to our development staff on many aspects, such as software architecture, database design, coding standards, code review, etc..
- Remotely managing and coordinating the work of different teams in China, Europe and the U.S.

Cofounder, April 1999 - August 2003
TU Technology Corp, San Jose, CA

Developed three shareware applications (TuFtp, TuHex and TuComHex) by using Visual C++ and MFC. Tens of thousands of copies of these software applications have been downloaded from some of the most popular shareware download websites in the world, such as www.download.com, www.shareware.com, www.simtel.net, etc.

- TuFtp is a FTP client software with Windows Explorer like user interface.
- TuHex is an easy to use hex editor with many useful features.
- TuComHex is a very effective debugging tool for developing devices which communicate with PC through serial port and RS-232 cable.

Senior Software Engineer, November. 1999 - July 2002
Pumatech, Inc., San Jose, CA
As a senior engineer at the Satellite Forms software team, I was responsible for the design, implementation, and improvement on the IDE (Integrated Development Environment) part of the software. The software was developed by using Visual C++ and MFC.

Software Engineer, October 1997 - October 1999
RAE Systems, Inc., Sunnyvale, CA
As a sole desktop software engineer in the company, I was responsible for developing and maintaining the desktop software for all of RAE's product lines. I designed and implemented a 32-bit Windows software called ProRAE-Suite which is the flagship product of the company. The software was developed by using Visual C++ and MFC.

Software Engineer, January 1996 - May 1997
Camstar Systems, Inc., Campbell, CA
Developed an application called Configurator which was used by customers to configure the system tables of a MES (Manufacturing Execution Systems) software called ShopView.

Education

Ph.D. in Physics, December 1995, University of Nevada, Las Vegas.

Technical Expertise

- Building and managing large R&D and Product teams.
- Identifying new market and related business logic and product features.
- Designing large database based on business requirement and logic.
- Devising technology strategy to better serve company's business strategy.
- Setting up international partnerships and outsourcing relationships.
- Leading the development of large scale commercial and industrial software products.
- Remotely managing and coordinating the product development and operation work.

References Available Upon Request