

Mike Tong

Sr. Software Engineer

Hayward, CA - Email me on Indeed: [indeed.com/r/Mike-Tong/8d9acb510978bd58](https://www.indeed.com/r/Mike-Tong/8d9acb510978bd58)

Authorized to work in the US for any employer

WORK EXPERIENCE

Sr. Software Engineer

Dell - Santa Clara, CA - 2013 to 2016

Worked for Data Protection Department of Dell Software, a division of Dell Inc. NetVault Backup is a comprehensive backup and recovery software solution that protects your data and applications in diverse IT environments. I provided enhancement and added features for NetVault using C++/C, JavaScript, HTML, PostgreSQL on Linux, Unix and Windows platform.

- Migrate the legacy DB to PostgreSQL DB for Dell's Data Protection software.
- Developed web GUI application to replace Motif/MFC user interface.
- Integrated Dell's storage hardware with Data Protection software.
- Implemented system performance monitor code.
- Fixed localization and UTF-8 encoding related problem.
- Finish unfinished features and fix bugs for different components of Dell's Data Protection software.

Sr. Software Engineer

PayPal - San Jose, CA - 2012 to 2013

Worked for PayPal's "Davis project" which integrate DiscoverCard's network with PayPal's system.

- Implemented features for "Davis project"
- Develop software using C++ on Linux platform.

Sr. Software Engineer

Yahoo - Santa Clara, CA - 2010 to 2011

Worked for Ad Display Department of Yahoo. Main job is developing new features for FAC server, which is proxy server Yahoo Ad Display system, using C++ in Linux environment.

- Implemented multiple ad targeting business logics to allow ad servers response right and customer targeted advertisement.
- Enhance the performance of the ad proxy server.
- Fix bug and production problem.

Sr. Java Developer

8x8 Inc - Santa Clara, CA - 2008 to 2009

8x8 Inc. is a communications technology company that provides VOIP telephony services. I implemented feature for VOIP PBX product which provide PBX service for small business.

- Developed new Web Service for VOIP PBX front-end provisioning system using core Java, SIP, MySQL, SOAP, WSDL, Axis and Tomcat.

- Provided engineering solutions to improve the communication between thousands company-hosted PBXs and other system in a distributed environment using Java, RMI, reflection.

Sr. Software Engineer

Sprint - San Mateo, CA - 1996 to 2008

Worked for intelligent network department of Sprint. I implemented features on Sprint Service Control Node platform which provide Voice Phone Card and National Directory Assistance for Sprint customer.

- Turned around the Sprint Service Control Node (SCN) into a multi-million dollar profit-making system. The system has hosted applications featuring spoken identification and authentication, voice recognition and verification, and special telephony switching functionality (C++, UNIX, etc.).
- Primary contributor of Sprint National Directory Assistance (NDA) application which provides directory assistance service to Sprint customers. Designed and developed the call control software for NDA (C++, UNIX, etc.).
- Lead developer of Sprint SCN Element Monitor System that features monitoring functionality for all SCN related switches in Sprint network. Designed and developed the system using Java SE, EE, XML/SAX, REST, MySQL, Tomcat and applet technology.
- Lead developer of Sprint Voice Command Redirection Server. Designed and developed the system using Java EE and Tomcat technology. The server provides URL redirection service for Sprint Voice Command system.
- Developed call processing software to handle ISDN and SS7 ISUP signaling for the applications running on Sprint Intelligent Network. (C++, UNIX, etc.)
- Provide valuable information and data to marketing department about voice related technology by concept proving and prototyping voice related telephony applications by using the latest technology. (C++, UNIX, etc.)

King County Medical Blue Shield, Seattle, WA.

Information Specialist

- Provided technical solution to enhance the performance and functionality of Membership Information System. Washington State Employment Security Department, Olympia, WA.

Consultant

- Participated in implementation of GUIDE Project which is an unemployment insurance information system used by the Washington State Employment Security Department to replace the old system.

East-China Research Institute of Computer Technology, Shanghai, China.

Software Engineer

- Software Engineering on variety of platforms with different programming languages and system software in a R&D environment.

EDUCATION

Computer Science

University of Missouri

BS in Computer Science

Fudan University

SKILLS

C++ (10+ years), C (10+ years), SQL (10+ years), Web Services, Java, Javascript

ADDITIONAL INFORMATION

- A solution-focused Senior Software Engineer with demonstrated expertise in software design and development in industry.
- Established track record for designing and developing application using the latest technology and for providing engineering solution in turning around legacy systems to effective and productive systems.
- Resourceful, creative problem-solver with proven aptitude to analyze and translate complex customer requirements and business problems and design/implement innovative custom solutions. Broad-based experience and hands-on skill in the successful implementation of highly effective software.
- Proficiency in C++/C and Java within variety platforms including UNIX, Linux, Windows and others. Excellent knowledge on OOD/OOP.

Technical Skills

- C++, STL, C, Java
- Unix, Linux and Windows
- SQL, MySQL, PostgreSQL
- Web Service