Sean Zhang

Personal Information

Gender:	Male	Phone:	+86-188-5788-4045
Birthday:	1978/7	E-mail:	zbutfly@gmail.com
Location:	Hangzhou, China		

Education

Period	School	Stage
1992 ~ 1995	Hangzhou High School	High School
1995 ~ 1999	Department of Computer Science, Zhejiang University	Undergraduate
1999 ~ 2002	Department of Computer Science, Zhejiang University	Master's Degree

Experiences

Hangzhou Cominfo Technology Co., Ltd.

Period:
  2014 ~
Position:
  Co-Founder
  Chief Architect

Face to government agencies (mainly local police), large-scale enterprises and institutions to provide big data solutions, including : data cleaning, data processing, big data model building, big data platform architecture, data proliferation business definition and implementation, interactive platform design and so on.

Current public security users include public security internal platforms in Hangzhou, Yinchuan, Erdos, Zhuhai, Fuyang and many other areas, involving anti-drug, public security, traffic control, and cyber police.

Current corporate users include Zhejiang University, Sinopec BP, Graduate Degree Center of the Ministry of Education, and Hangzhou Normal University.

Involved technology:

- Data Platform: MongoDB, Kafka, Hbase/HDFS, Elasticsearch, Solr, Kudu, ArangoDB, traditional relational database.
- Data processing: Hadoop, MapReduce, Spark, Hive/Impala, graph algorithms, PageRank, artificial intelligence and machine learning (preliminary), natural language understanding and analysis (preliminary).
- Technology Platform: Java

As co-founder and chief technical leader, responsible for the planning of the company's products and technology, including determination of technical platform and architecture, construction of technical teams, and management of daily R&D.

Detail of business & technology cannot be listed due to confidentiality agreements.

China Merchants Bank

China Merchants Bank Trip Platform (Joying Easy Trip)

Online e-commerce system for Internet users based on the Web 2.0, provide information and booking platform for business trip.

Period:
  2010 ~ 2014
Department:
  Runnable Software Center
Position:
  Internet Architect
  E-Commerce Architect

Microsoft

Windows Live Ideas

Microsoft's new technology and new product release platform based on the .Net architecture provides a reliable test authorization release and management system for new products.

Windows Live Calendar

The online scheduling and management system is based entirely on WEB 2.0 and AJAX architectures, providing web-based desktop-like user experiences and rich extension interfaces for users to smoothly transition from traditional desktop applications (such as Microsoft Outlook) to online systems.

Period:
  2008 ~ 2010
Department:
  Windows Live China (WLC)
Position:
  Senior Software Engineer
  Internet Architect

Zhejiang Sendinfo Intelligent Inc.

Sendinfo Smart Ticketing System

Based on the traditional scenic spot customers, through the integration of tourism industry chain attractions attractions, travel agencies, distributors, hotels, ticket ticketing and other links, to build an online travel supermarket, providing tourists with a complete online platform for tourism information and travel services. Build a comprehensive tourism information integration community through good tourist interaction.

Qingdao Olympic Sailing Sports Center Online Ticketing Platform

JAVA technology-based online ticket booking e-commerce platform.

Hangzhou Song City E-commerce Platform

JAVA technology-based online ticket booking e-commerce platform.

Period:
  2007 ~ 2008
Position:
  Software Supervisor

Hangzhou Hundsun Technologies Inc.

UTStarCom iSMGW SMS Cross-Platform Switching System

The carrier-class cross-platform SMS exchange system provides stable and reliable data exchange and forwarding services for telecommunications, China Unicom, and mobile messaging.

Huawei Network Analysis System

Provides automated modeling, analysis, and monitoring systems for 3G network devices and topologies.

E-Bridge Electronic Video Monitoring System

Period:
  2004 ~ 2007
Department:
  Global BU
Position:
  Senior Software Engineer

A fully automated high-performance video surveillance system based on HD sampling, distributed storage, online playback, pattern recognition and monitoring.

Fuyang City Government Portal

Provide a stable and reliable information release and exchange platform for Fuyang City Government.

Kylin E-commerce Platform

Provides WEB-based online product display and sales platform for Kirin Pharmaceutical.

Overseas Trade Knowledge Base

Based on J2EE platform and AJAX technology for overseas trade user information exchange, organization, custom browsing and interesting association mining system. Provides a good user experience through dynamic page technology, completes information gathering and mining through user communication and participation, and realizes the proliferation of information and data through information organization, mining, and association, thereby establishing a comprehensive and self-growth capability. Overseas trade information internet platform.

Yiwu Customs Clearance Platform

WEB platform of overseas trade clearancing based for Yiwu Customs, based on J2EE platform.

Guotai Junan Securities

Guotai Junan Financial Database & Analysis System

Massive financial data storage, analysis, data mining, mathematical modeling, model analysis platform and system construction and maintenance based on relational data model.

Period:
  2002 ~ 2004
Department:
  Financial Research Institute
Position:
  Researcher

Self Evaluation

Technical

Technicians. Willing to and being good at discovering and resolving all issues through technical means and methods, including communication and collaboration between people. Willing to learn, understand and share all logical things and apply to work and life. Do well in communication, presentation, understanding and collaboration orally but prefer to do through utilities, plans, work flow, documents and code.

Have a certain understanding and prehension of the whole complete life cycle of software development, including:

- Product, requirement, architecture, design, integration, implementation, testing, deployment, operation and maintenance, delivery, documentation;
- Description and presentation, bizlogic, UI and UX, bizlogic, modeling and maintenance;
- Other related task include team construction, planning, cost and risk, teamwork, collaboration and communication.

Have a deeper understanding of the nature of computer technology, based which running up to quickly deconstruct, analyze and grasp issues, such as a fresh language, architecture, framework, theory or technology, so much as person or group.

Accumulated experience in the fields of financial data analysis, user interaction and experience design, internet service architecture, e-commerce architecture and R&D, database/warehouse modeling, big data processing, high-performance concurrence algorithm design.

- Currently mainly engaged in research and development of the Java platform.
- Experienced: ANSI C, C++, Windows SDK/DDK, .Net, HTML5/CSS3, JavaScript(Web/Node.js), Python, Linux/Unix

Scripts.
- Known (coding seldomly or 3rd code reading/integrating) but not familiar with: Perl, Scala, Groovy, Golang.
- Not familiar with mobile platform technologies, such as APPs development.

Individual development can be found at: Github and BitBucket.

Character

Liberals. Self-consistent view of world, life and values has been constructed based on freedom, equality, openness, and try to practice the line in terms of work, life, social and so on., such as the open source community development.

For literature, history, classics (Chinese ancient classics), philosophy (Chinese/Western philosophy, especially Taoist and existentialist), religion (mainly European theology), science (mainly for pure mathematics and theoretical physics), psychology, arts (Chinese and Western music, painting, architecture, Chinese calligraphy), economics, political and other fields have enthusiast-level knowledge accumulation, personal speculation and understanding, and interest-loving practices.

Tens of years in avocation of tennis, cycling (mountain/road), outdoor (hiking); appreciatory in basketball, football, table tennis, badminton, volleyball, racing, billiards, go, chess, bridge.

Some personal positions and ideas can be found out or exchanged at: Weibo (original account with more than 30000 posts has been banned), Blog and Blog Backup.