

MUSTAFA KUTSAL AY

c: (90) (532) 676 9778 / mustafakutsalay@gmail.com

EXPERIENCE

- 2011-present **Zaimoglu AS (projectz Internet Business Investments)**
Technical Consultant as fulltime employee
- 2010-2011 **Military Service**
Sergeant
- 2008-2010 **Intercity Fleet Management (Ekim Turizm AS, Leading Fleet Company in Turkey)**
Software Engineer as fulltime employee
Developed Internet websites, web services both for customers and vendors.
Developed Intranet, Document management and storage system.
Developed OCR integrations to Intranet system.
Created data services for quering various outer data sources (automated data fetching for government websites)
Introduced open source technologies to replace/support already deployed proprietary systems.
- 2005-2008 **Haber 3 Group of Internet Business. (one of popular Internet news sites)**
Software Engineer, Systems Engineer as contractor
Developed high performance content publishing systems.
- 2005-2008 **Kanal 7 (Yeni Dünya Iletisim AS, one of major TV broadcasting company)**
Software Engineer, Systems Engineer as fulltime employee
Developed/Managed group company websites development.
Developed high performance content publishing systems for Internet news websites, haber7.com.
Performed system administration and backup management tasks.
Replaced MS based infrastructure migrating to open source technologies.
Developed Internet Ad delivery services, Ad exhance system.
Internet Ad analysis system to establish optimum strategic opinions.
Supervised ecommerce operations and performed consultancy for other branches in the group.
Consulting services for the other software developers in the group.
- 2003-2004 **Promedya Sanal Magazacilik Ltd. (ecommerce business)**
Senior Software Developer as contractor
Performed patches to raise uptime of whoile ecommerce system.
Developed decision support system tools for vendor operations.
Performed system administration and managed upgrades for potential performance bottlenecks.
- 2002-2005 **Internet Haber Yayin Grubu Ltd. (one of popular Internet news sites)**
Senior Software Developer as contractor
Developed high performance content publishing systems.
Worked with senior system administrator in effort to sustain a high available system.
- 1999-2002 **Aktif Bilgisayar Ltd. (web services for SMB)**
Junior Software Developer as parttime employee
Developed various websites and web applications.
- 2004-present **Independent Consultant**
Project Management
Software Development
Database optimization, both structural and management
System architecture design.

EDUCATION

- 1998-2008 **Yıldız Teknik Üniversitesi, ISTANBUL**
Computer Engineering, BE
- 1994-1997 **Koray Lisesi, BALIKESİR**
Mathematics

AREAS OF INTEREST

High performance content caching and publishing systems, load balancing.
Intrusion detection and prevention.
Distributed filesystems, distributed databases.
Database layer optimization and normalization, database server fine tuning. (MySQL, Postgresql)
IPC, SHM, pthread applications written in C.
Linux kernel, FS, TCP/IP suite tuning.
OCR development, segment/histogram analysis, training reference sets and prototype generations.

QUALIFICATIOIS

Linux system administration. Shell scripting. DNS, Samba, NFS, firewall, http, email services.
Database desing and management.
Programming in LAMP suite. (Linux,Apache,MySQL,PHP)
W3 compliant XHTML/CSS2. Javascript with RPC techniques, JSON, AJAX.