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Executive summary

- 7 years experience in information technology
- 2 years experience in managing an application development team; 5 years experience in hands on application development
- Solid background in information systems architecture
- Experience as a project manager, systems administrator.

Personal information

- keywords: linux, java, web applications, web 2.0, Test Driven Development, Agile Development
- Date of birth: 16/02/1982
- Nationality: Turkish
- Employment Status: Currently employed by Parkyeri Iletisim A.S
- Education level: Bsc. in Computer Engineering

Educational Background

- 2009-? Bogazici University, Msc. in software engineering.
- 2001-2005 Yeditepe University Faculty of engineering, Bsc. in Computer Engineering, Istanbul
- 1993-2001 Avusturya Erkek Lisesi, Istanbul
- 1988-2001 Oatlands Junior School, Harrogate England

Objective

A position as an application architect or lead developer where my creativity and technical knowledge can be utilized.

Work Experience

- Oct 2008 - ? Head of application development Parkyeri
- Dec 2007 - Oct 2008 Leader Developer Parkyeri
- Sep 2007 - Dec 2008 Developer Fortis Bank Turkey
- Nov 2005 - Jun 2006 Developer Parkyeri
- 2002 - 2005 Self Employed

Professional Projects

ARF

This is the project that will replace Parkyeri's flag ship product SanalDoku which is a full service creation environment for making SMS based polls, games and query services. The project will integrate to different points in the GSM providers network, such as the SMSC, MMSC, LSB (location based services), DWH, etc. and receive a message, process it, and create a response message. The application will support a visual web based work flow editor, different levels of user access, flexible and customizable rule based message processing, event based architecture, easy data access via web service providers, content management system and various other components that enable a loosely coupled environment for extendible development.

The project is currently in its design phase.

CI-JOE

This project is the mile stone for continuous integration driven application development life cycle at parkyeri. The project uses apache continuum to provide a continuous integration server for existing projects and runs the unit and functional tests on a post-commit basis and reports test failures to the relevant project emails groups. My responsibility as head of development was to include this to the application development phase and enforce unit test with committed code.

RBT Plus Portal

This project is the portal for Turkcell's ring back tone service. It provides customers subscription, buying, presenting, and setting ring back tones. It also integrates to various other services Turkcell provides such as address book, HUAWAI communications RBT API, Turkcell's Billing and Charging services, etc. via web services and RESTfull XML APIs. The portal is designed in a 3-Tier architecture so that the presentation layer is independent of the business logic and data access layer so the portal can easily provide web, xml, json and wap pages using the same infrastructure. The portal uses various Java related technologies and such as apache commons, JiBX, Xstream, Log4J, prototype JS etc. The portal runs on 2 weblogic application servers, behind a load balancer with integration to an oracle DB.

My responsibilities for this project were designing the systems architecture and lead developer for a team of 3 to 5 full time developers.

The portal is currently in production on <http://www.calarkendinlet.turkcell.com.tr>

Ortak Mesaj

This project has replaced the decade old Turkcell WebMesajCell as the one-point communications portal with integration with Turkcell's address book, preferences, MMS, SMS, email services. The project consists of 2 main parts: the backend driven by php and java, and the front end entirely in javascript. The backend runs on 5 application servers (solaris) behind a alteon load balancer and uses 2 postgresql servers as data storage. Integration with Turkcell's other services is done via web services and XML APIs.

My main role was the development of the backend PHP powered scripts and the Ajax Engine and javascripts for the user interface.

The portal is currently in production on <http://mesajlarim.turkcell.com.tr>

Personal Projects

SuxFW

A project to rapidly develop PHP based data driven web sites using the motto convention over configuration. SuxFW is an open source MVC (Model View Controller) based framework project that I created and used for various applications. SuxFW supports advanced ajax based communication and error handling using HTTP headers for various error states.

<http://www.verisux.com/suxfw/>

pmAQ

This project is an issue and bug tracking program that I use to track my personal projects. Developed using the suxFW in php it supports multiple projects in one installation, user management, mile stones, ticket linking, wiki, stats module and mail notifications.

NeYesek

A proof on concept application to dive into the facebook application development platform.

The application advises users 4 meals selected randomly from the database that they can cook or eat.

<http://apps.facebook.com/neyesek>

SCES

Scheduled Cron Execution System in java utilizing the Quartz Job Scheduling Framework. SCES accepts JAR files with a Quartz class implementing a specific interface and runs the job at the desired time, input through the admin interface as a cron string. SCES is able to generate reports on failing jobs, jobs next and last execution times and execution on demand.

DirectHit

This project is a mass mailing application for companies web sites that wish to read their use base via email. DH is a J2EE application that accepts a HTML template with placeholders and an excel file with recipients addresses and data to be substituted for the place holders and creates emails and delivers them. It also contains a web bug tracking system and generates reports on which receiver has read the message. Also a stats module generates reports on this data.

<http://dh.verisux.com/>

Ubiquity Sesli SozluK

This a command for mozilla labs firefox extension ubiquity that looks up the meaning of the selected word from seslisozluk within firefox.

https://wiki.mozilla.org/Labs/Ubiquity/Commands_In_The_Wild#TR

kzuBlog

A blogging platform based on the MVC framework Turbo Gears for python. Supports viewing, publishing, editing, previewing of posts, categories (tags), permalinks, wiki markups and RSS.

KOT7K

This is a project for me to easily access my passwords and accounts from different locations and different computers from the web in a secure manner. To accomplish this task KOTR stores all password information encrypted using blowfish in the database and also the decryption key hashed using MD5. When the users loads the page, all information is sent to the client encrypted and decryption takes place using javascript on the client side. This way even without an SSL connection the data traveling through the wire is encrypted and cannot be sniffed.

<http://dendiz.verisux.com/2008/10/08/keep-of-the-7-keys-password-manager/>

Voodict

This is a wiki-like tool for free format definitions of anything. The users create topics and can post examples on these topics. It supports hyper linking between topics and posts, voting on posts and user moderation.

<http://voodict.com>

Hella-NG

This is project to create a web-based interface for the project HellaNZB (<http://www.hellznzb.com>) to manage the downloads from usenet. Hella-NG integrates with a usenet indexer (<http://www.newzbin.com>) and downloads the index files from your account and tells hellanzb to start downloading the bookmarked files from your usenet server. Downloaded names are stored into a database and hella-ng will check for similarities in file names using the levenshtein string similarity algorithm to prevent duplicate downloads.

PokeBot API

This is a project that provides an api for poker artificial intelligence units. The api is designed to run long simulations with thousands of hands of poker, and record the games for analysis. It implements the rules of Texas Hold'em poker.

PokeBrain

This is an artificial intelligence unit pluggable into Poker Academy Pro Meerkat API and PokeBot API. It uses static/dynamic adaptive and non-adaptive algorithms including EV strategy, adaptive hand ranking, pesimistic monte carlo simulation, and various other techniques to play a full game of poker.

Languages

- Turkish Mother tongue
- English Fluent
- German Fluent

Information Technologies

- C - Good
- C# - Good
- Java - Good
- PHP - Good
- Javascript - Good
- Python - Intermediate
- Bash Scripting - Intermediate
- Linux - Good
- MS Windows - Intermediate

Conferences and Seminars

- Co-speaker at the National Academic Information Technologies Congress on the subject Mono development Platform: Architecture, implementation and Performance (2006)
- Member of the hosting team for the 2nd European Seminar on Wireless Sensor Networks (2004)
- Kocsistem XML and the .NET Platform, 2007

Papers and Tutorials

- An alternative way of handling Ajax Error responses using HTTP Headers. (<http://www.verisux.com/docs/on999.pdf>)
- Game Theoretic approaches for wireless sensor networks.
- DNZB: An implementation of a client server architecture for a binary usenet client. (Graduation Thesis)
- An Aspected oriented approach for checking authentication states for multiple restricted urls using dynamic object loading in PHP(<http://www.verisux.com/docs/theDispatcher.pdf>)

- Techniques for optimizing page load times for Ajax driven applications using lazy loading of content. (<http://dendiz.verisux.com/2007/06/21/read-ahead/>)
- Many many blog posts about technical subjects on <http://www.dendiz.com>

Additional Information

- Gender: Male
- Military Services: Completed (2007)
- Social Activities: Aikido, Engines, Japanese Culture.