



TUNCER KARAARSLAN

Software Manager

Software Development Manager

Information Technology Manager

Throughout my life, I have always added value to the companies I have worked for. The identity of the companies has become my identity.

I hope I can add value to your company in the work we will do together.

QUALIFICATIONS

Team management

Microsoft Turkey Head of Software Training,
Microsoft dotnet competent partner,
C# development expert

Planning, fragmentation, teaming,
production and team management of
software projects

Over 30 years of experience in
developing software applications and
teams

Embedded software, C development
with microprocessors

Development of services and systems
that will enable advanced data analysis
and big data processing, reporting and
generation of management decision
support data

Design, development and full
integration of shopping systems with
banking applications

Training and specialization of software
human resources

Headend systems development, field
management, data transfer, analysis, ...

Mobile development, windows
development, web development,
microservices development, embedded
systems development, IOT, ...

LANGUAGES

English - Good

Turkish - Fluent

EMAIL

tuncer.karaarslan@gmail.com

ADDRESS

Goztepe KONAK IZMIR

EDUCATION

2000-2003 **Master Business Executive - MBA**

Bilgi University / Istanbul

Master's degree in business administration,
marketing

1991-1995

Computer Engineering

Trakya University / Edirne

Software and hardware engineering
education

MY WORKING LIFE - MY EXPERIENCES

2020-2023

**Software Development Manager &
Assistant Marketing Director (Pandemic)**

Mela Group Inc. / Izmir

- To develop warehouse management software integrated with online e-commerce systems,
- Development of storage and packaging applications
- Software development for production and planning processes
- Development of integration services with Netsis, Logo, SAP, ... ERP systems
- Development of integration software with Hepsiburada, Çiçeksepeti, Trendyol, TSOFT, ... e-commerce sites

2018-2021

R&D Team Leader

Luna Electric Electronic Smart Electricity and Water Meters Inc. / Izmir

- Analysis of new meters and development of hardware and software
- Overseas customer visits and technical meetings
- Development of remote online payment systems mobile applications
- Development of electricity and water meter security systems
- Instant electricity and water meter intervention, loss and leakage analysis and billing services
- Head end system development
- Big data management includes analysing, classifying, routing to billing services, and managing an average daily incoming data size of 300 GB.
- Managing a research and development team of approximately 85 people

SKILLS		
.NET Architectures & C#		
Excellent		
C++ & C Development		
Excellent		
MQL5 Forex and Stock Markets Platform Programming		
Excellent		
IOS Mobile Application Development & Objective C Programming Language		
Excellent		
Android Mobile Application Development & Java Programming Language		
Excellent		
Interface design and application skinning		
Excellent		
Web application development		
Excellent		
Team management and project documentation		
Excellent		
Software project business management and business administration		
Excellent		
HTML 5, Javascript & CSS		
Excellent		
PHP & Laravel		
Good		
Node JS		
Excellent		
Embedded C & Embedded Device		
Excellent		
Rabbit MQ & Big Data Solution		
Excellent		
SQL Maintenance & Development		
Excellent		
Apache Server Administration & Security		
Good		
Back End Development		
Excellent		
Head End Development		
Excellent		
Ubuntu Server Administration & Security		
Excellent		
Windows Server Administration & Security		
Excellent		
Big Data Architecture Solutions		
Excellent		
NHibernate ORM		
Excellent		
Power BI		
Good		
Web service and micro service architecture development		
Excellent		
2011-2017	Software Development & Consulting <i>Siskon Automation and Software Inc. / Izmir</i> <ul style="list-style-type: none"> Development of production management and work management software of JTI company in the world Documentation and training, adaptation 	
2009-2011	Software Consultant, Enterprise Developers Team Leader, Project Architecture <i>Bilgeadam Enterprise Inc. / Istanbul</i> <ul style="list-style-type: none"> Microsoft key customers project management Development of warehouse management systems Developing online order and production management systems Developing logistics management systems Developing geographic information systems with Oracle and Autodesk products 	
2002-2009	Microsoft Technologies Software Development Department Head <i>Microsoft Authorized Training Center, Bilgeadam Information Technologies Academy / Istanbul</i> <ul style="list-style-type: none"> Marketing of Software Trainings Training of Software Trainers Production of Content for Software Trainings Providing Software Trainings Providing Continuous Consultancy to Microsoft key Customers and Supporting the Development of Products in .NET Architectures, Production of Software Human Resources and Marketing of these human resources to Companies 	
1999-2002	Software Engineer <i>Tetaş Tekstil Inc. / Istanbul</i> <ul style="list-style-type: none"> CRM application development Redesigning legacy applications in AS400 systems on new architectures Inventory management software Development of order and reservation systems Development of mobile applications for field management Thanks to the improved field management and CRM, the spare parts sales department has grown nearly 50-fold, reaching sales figures of over 2 billion dollars. 	

CERTIFICATES

2002	SQL Management and Programming <ul style="list-style-type: none">• Microsoft SQL server installation• Microsoft SQL server administration and security• Microsoft SQL server disk configuration• Microsoft SQL server Backup and emergency management• Microsoft SQL server Advanced level programming• Microsoft SQL server indexing and maintenance planning
2002	Oracle server maintenance and management <ul style="list-style-type: none">• Database management with Oracle server• Programming with Oracle server• Oracle server backup and rollback planning
2000-	Lynda, LinkedIn Training, Udemy <ul style="list-style-type: none">• Over 300 technology development certificates in total

COURSES

2022	ITIL4 & PMP
2021	Ultimate Google Ads & Social Media Marketing Expertise <ul style="list-style-type: none">• Profit with pay per click.• Google Ads strategies• Seo strategies• Funnel strategies• Instagram & Facebook growing strategies.• Social Media marketin strategies & funnel strategies
2021	Vue JS expertise <ul style="list-style-type: none">• Producing interactive web pages with Vue JS• Full stack development• End-to-end web project development
2019	Embedded software development <ul style="list-style-type: none">• Application development for embedded chips• Communication with Bluetooth• Communication with LORA• Remote management and data collection and storage with GPRS
2020	Power BI Expertise <ul style="list-style-type: none">• Application development for embedded chips• Communication with Bluetooth• Communication with LORA• Remote management and data collection and storage with GPRS
2020	Azure Devops <ul style="list-style-type: none">• Azure platform management and application development• Invoice tracking and application optimization• Localization• Globalization

MY EXPERIENCES

2020	Amazon, Trendyol, Hepsiburada, Ozon... <ul style="list-style-type: none">• The use of service codes of almost all e-commerce sites used in Turkey• Bidirectional full integration of all order order processes such as stock quantity, price, order, order, cancellation, ... with Netsis and other ERP systems
2019-	Embedded software development <ul style="list-style-type: none">• Development of meter systems that can be remotely switched on and off and managed with C language• Development of modem protocols fully integrated with headend• Development of headend systems• To develop software that reads, stores and sends time data, coordinates all time-dependent works with time planner in C language• Development of data collection and evaluation hardware and software• Smart home hardware and software development• Arduino, TI MSP430, ST chips, Microchip integrals, Rasberry, ... developing embedded software. My best Arduino and TI chips• Embedded architecture communication protocols (SPI, i2C, UART, USART, external communication with RS485, GPRS programming, ...
2010	Redis <ul style="list-style-type: none">• Use as read and write temporary storage areas requiring high speed
2010	Erlang - RabbitMQ <ul style="list-style-type: none">• Especially in high data traffic with socket applications, high data processing power generation in distributed architecture for storage of raw data, data processing and fragmentation thanks to different queues, ...
2010-	IOS Native Application Development <ul style="list-style-type: none">• Developing native IOS phone and tablet applications with Objective C
2010-	Android Java Native App. Development <ul style="list-style-type: none">• Developing android phone, tablet applications with Java language
2010	M2M B2B processes and micro services <ul style="list-style-type: none">• Developing service integration applications for full integration between different operating systems, different data sources, systems in different locations, developing micro services, developing web services, developing SOA services, developing documentation...
2010	Reporting Server, Power BI and Reporting <ul style="list-style-type: none">• Reporting with Microsoft SQL Reposting server, Power BI reporting, development of automation systems

MY EXPERIENCES

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|-------|---|
| 2010 | Linux Ubuntu Centos <ul style="list-style-type: none">• HA Proxy Server, Docker, ... with micro service architectures and distributed architecture to provide strong working infrastructures in distributed ... |
| 2010 | Geographic Information Systems <ul style="list-style-type: none">• Geographic information systems, data production, development of web-based GIS applications, full integration with other data systems |
| 2005 | Erlang - RabbitMQ <ul style="list-style-type: none">• Especially in high data traffic with socket applications, high data processing power generation in distributed architecture for storage of raw data, data processing and fragmentation thanks to different queues, ... |
| 2000 | MS SQL Server Maintenance and Coding <ul style="list-style-type: none">• Advanced procedure coding• Table Value Functions• Scalar Functions• Generating partitions on file system basis in large data tables and providing high speed read and write• Advanced transaction management• 3 Coding of all jobs at SP level in layered software• Performing tasks with timers at SQL level |
| 2000- | Web Applications Development <ul style="list-style-type: none">• Developing web pages with ASP at an early stage• Developing web applications with ASP.NET at an early stage• Today, web-based applications and web services development with MVC pattern• Developing web-based applications and web services with MVC Core |
| 1995- | Windows Forms Applications <ul style="list-style-type: none">• My first eye ache, developing windows form applications.• Early development with Borland Delphi• Early development with Borland C++• After 1999, development with C# coding together with the .NET competent partnership programme• Form data entry with DevExpress components, reporting, custom component designs, ...• Developing winform applications with MS SQL, MySQL, Oracle |

HOBIES

Currently, as a hobby, I am doing research and development for modems, headends and counters suitable for MASS projects prepared by TEDAŞ. I continue to develop very exciting projects such as reading and storing single-phase and 3-phase electricity data and bidirectional transmission of packets suitable for communication protocols. My head software that can process millions of counters and manage the field like an orchestra continues. At the same time, I continue to develop the modem embedded software that will coordinate hundreds of meters, especially in large fields, and the communication layers with the head.

I plan to continue similar work on water meters and natural gas meters.

My MASS electricity meter prototype development process continues.

My MASS modem prototype development process continues.

My MASS headend prototype development process continues.

Developments continue with different chip technologies for embedded software. I continue my research and development work on 8-bit processors, 32-bit arm-based processors and embedded linux developments.

I am about to transform the service development capabilities I used in the integration of e-commerce sites during the pandemic period into a package programme. In this way, my projects that contribute especially to packaging and warehouse management have been completed. Their development continues.

Packaging management software development,

Developing an ERP package integrated with e-commerce platforms and web services

Warehouse management and optimisation systems development