Serdar DEMİR
Software Architect | AI Enthusiast

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Çankaya, ANKARA
Born on April 14, 1988 (37 years)

I'm an experienced programmer who specialized in AI, backend, algorithms, cloud, dev-ops, networking, distributed systems, infrastructure also likes to tackle performance problems alongside a variety of challenges. Successfully delivered over 30+ major software projects. Recently focused on AI and Machine Learning solutions also solutions and products around distributed applications and business contiunity. Also designing and developing highly available system architecture with a cloud-native mindset around scale-out strategies

💼 Experience

Present
Sep 2018

Technical Project Manager | Software Architect, STM,
> Leading AI and ML-based research and development projects.
> Migrated&Modernized companies to the private cloud.
> Scaling the service by Splitting the Monolith and Cloud-Native approach. Besides, introducing several layers including decoupled business agnostic services and several caching.
> Consulted companies on their cloud ready journey

Sep 2018
Jul 2014

Software Architect (R&D), Kale Yazılım,
> Designed software architecture and developed R&D project by identifying compatible and applicable technologies
> Code development with design patterns and best practices like TDD & SOLID
> Researched, designed, implemented, distributed high availability framework that operates in a load balanced and active-active manner between two data centres which are located 300kms apart.
> Researched, designed, implemented distributed scheduled real-time task queue for .net applications
> Contributed to the ongoing improvement of software practices.
> Maintained and improved legacy projects (Mernis, Pasaport, Ehliyet, TCCK, EVS, KYS, Göç.Net ,Tckk Randevu,Microsoft Dynamic CRM, Sharepoint)
> Worked with Big Data technologies (Mongodb, Casandra,Spark)

Jul 2014
Dec 2012

Senior Software Developer, Infopark,
> Designed and developed EBYS (Digital Signatures, Elektronik Belge Yönetim Sistemi, E-imza, Mobil İmza, Single Sign-on)
> Designed mobile app & web site architecture

Dec 2012
Jun 2011

Software developer, Türksat,
> Software system to manage labour data along with job openings & application facilities running on modern centralised web platform.
> Developed helper tools/libraries for internal software development and maintain process.

🏅 Certifications

> Certified Kubernetes Administrator (CKA)
> AWS Certified Solutions Architect
> AWS Certified AI Practitioner
> Udacity Data Analyst Nanadegree
> Data Scientist with Python
> MCSD : Web Applications
> MCPS : Microsoft Certified Professional
> Microsoft Azure Solutions
> MCTS Microsoft SQL Server 2008
> MongoDB for .NET Developers

📖 Courses

> Hybrid Cloud with Microsoft Azure Stack
> Enterprise Analytics with Apache Spark
> Secure Software Development
> Coursera Machine Learning by Stanford University
> Apache Cassandra

🎓 Education

- AWS Cloud Developer Udacity
- Data Engineer Nanodegree Programme Udacity
- Data Analyst Nanodegree Programme Udacity
- Computer technology and Information Systems (CTIS) (Mersin University)