



İNAN YALÇIN

Software Developer

CONTACT

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ABOUT ME

Born 1987 · Male

15+ years in .NET development, now building AI-powered enterprise solutions on Azure: RAG search, conversational & agentic chatbots, secure AI platform infrastructure.

SKILLS

- Analytical Thinking
- Innovative Approach
- Teamwork
- Time Management

AI & CLOUD

Azure OpenAI Azure AI Foundry
Azure AI Search RAG
Semantic Kernel MCP Agentic AI
Azure Speech Azure Key Vault

LANGUAGES

- Turkish — Native
- English — A2

EDUCATION

ANADOLU UNIVERSITY
Management Faculty, Business Administration
2013 – 2019

ÇUKUROVA UNIVERSITY
Computer Technology and Programming
2006 – 2008

**İBRAHİM ATALI ÇOK PROGRAMLI
LİSESİ**
Physical Sciences, Regular High School
2002 – 2005

EXPERIENCE

Enerjisa Üretim A.Ş. – İstanbul | January 2021 – Present

Energy sector, IT department

Software Developer — Enterprise Applications & AI Solutions

AI & GENERATIVE AI PROJECTS

- **Enterprise AI Chatbot (Microsoft Teams):** Designed and built an internal Teams chatbot on Azure OpenAI with a realtime WebSocket relay; added voice responses using Azure Speech TTS Turkish neural voices.
- **Agentic Chatbot & MCP Integration:** Developed agentic assistants with Semantic Kernel (planning, tool/function calling) and exposed internal .NET Core APIs as MCP servers (ModelContextProtocol.AspNetCore) so agents can securely act on company systems.
- **RAG Knowledge Search with Azure AI Search:** Built a retrieval-augmented generation pipeline that ingests internal documents and ~100 designated web sources (Airflow DAGs, Markdown, Azure Translator) into Azure AI Search with scheduled re-indexing, hybrid/vector retrieval and grounded answers.
- **Azure AI Foundry Platform:** Deployed and governed LLMs on Azure AI Foundry — model deployments (GPT, Mistral), content filters & guardrails per deployment, TPM/RPM quota management, evaluation of open-weight models.
- **Private AI Landing Zone:** Migrated AI workloads to a private landing zone (hub-and-spoke, private endpoints, private DNS, RBAC); resolved connectivity of existing bots and services after the migration.
- **Security & Identity:** Centralised secrets in Azure Key Vault across team repositories; multi-tenant SSO with Microsoft Entra ID (OIDC/OAuth 2.0).

ENTERPRISE APPLICATIONS & DATA INTEGRATION

- .NET Core microservices with Angular front-ends, SignalR real-time features and Azure Service Bus messaging; Power BI reporting.
- Data pipelines and integrations with Apache Airflow and Apache NiFi (Python/Groovy processors, external data sources, SSL/certificate handling).
- Push notifications with Azure Notification Hubs (FCM v1); Cloudflare Tunnel for secure exposure of internal APIs.
- Engineering quality: SonarQube code analysis, TeamCity CI, New Relic monitoring and log analysis.

Technologies: C#, .NET Core, Python, TypeScript, JavaScript, Groovy, Angular, Azure OpenAI, Azure AI Foundry, Azure AI Search, Semantic Kernel, MCP, Azure Speech, Azure Service Bus, Azure Key Vault, Airflow, NiFi, SignalR, Power BI, New Relic, Microservices Architecture

Mindfacture – Hamburg | August 2016 – January 2021 – Remote

Software Solutions Company

- Recruitment Process Tracking Software – Contractexchange (.NET Framework, MVC, EF, MS SQL)
- Tourism B2C Software – Kiwigo (.NET Framework, MVC, EF, MS SQL, Redis, SignalR)
- User Management Software – Membership (.NET Framework, MVC, EF, MS SQL)
- Financial Tracking Software – Geldtaschenverfolgung (.NET Core, MVC, Dapper, MS SQL)
- Mail Management Service Software – Mailman (.NET MVC, Windows Service)

MilliyetEmlak – İstanbul | December 2014 – July 2016 – On Site

Real Estate Portal

- Website, Mobile Website
- Languages: C#, MS SQL, MySQL, JavaScript
- Frameworks: ADO.NET, Entity Framework, jQuery, AngularJS
- Application Types: WebForms, MVC, Web API, Web Services, Console, Fabric Cache

İsimTescil – İstanbul | July 2013 – December 2014 – On Site

Domain & Hosting Provider

- Payments (Bank Integrations, Mobile Payments, PayPal, Wire Transfer, PayU, etc.)
- Front-End, Back-End
- Languages: C#, MS SQL, MySQL, JavaScript
- Frameworks: Entity Framework, jQuery, AngularJS
- Application Types: WebForms, MVC, Web API, Web Services, Console, FastReport

2 Adam Yazılım – Adana | April 2012 – July 2013 – On Site

Software Solutions Company

- CRM (Service Software – Back End)
- CMS (Corporate Website, E-Commerce – Back End)
- Languages: C#, Delphi, MS SQL, JavaScript
- Frameworks: jQuery, DevExpress
- Application Types: Windows Forms, WebForms, MVC, Web Services, Console, FastReport

Keysoft – Adana | February 2010 – January 2012 – On Site

Software Solutions Company

- CRM (Service Software – Back End)
- CMS (Corporate Website, E-Commerce – Back End)
- Languages: C#, Delphi, MS SQL, JavaScript
- Frameworks: jQuery, DevExpress
- Application Types: Windows Forms, WebForms, MVC, Web Services, Console, FastReport