

# PÉTER UNGÁR

SOFTWARE ARCHITECT



## ABOUT ME

Developing quality software since 1997, with a focus on complex online systems. I enjoy creating solutions to problems with no pre-existing standard approaches and breaking new ground with software. I like growing a project from a prototype, through a minimum viable product to a mature solution that makes people's lives better.

## WORK EXPERIENCE

### 2004–Present Full Stack Developer (volunteer)

Csodalámpa (Magic Lamp) Wish Granting Foundation

Working as the sole developer of the foundation's tech stack, including web frontend, backend, administrative functions. From 2023 also working on the "Magic Lamp Herald" iOS and Android app.

### 2024–Present CTO

CMWF Services

Working self-employed on web-based projects involving social networking, video on demand, live streaming, iOS and Android app development.

### 2023 – 2024 Principal Software Engineer

Microsoft

Dragon Ambient Experience – Backend developer (C# / .NET)

### 2008 – 2023 Senior Principal Software Developer

Nuance Communications

Multi-speaker Transcription – Technical lead

Leveraging Azure Cognitive Services to bring automatic transcription with high productivity correction features to law enforcement.

DAX 2022 (iOS application) – Frontend development (Swift / iOS)

Dragon Ambient Experience – Developer of a Kubernetes speech

recognition and natural language understanding system. (Kotlin / JVM)

Dragon Medical Service – Architect of the server-side of a cloud-based speech recognition platform. (C# / .NET)

### 2006–2008 – Senior Developer

Philips Speech Recognitions Systems

SpeechQ – Online speech recognition workflow system with hospital information system and Microsoft Office integration (C# / .NET)

### 2004–2006 – Senior Developer

SmartExecution

Mathematical model-based sub-second automated trading software; one of the first of its kind, before the term "high-frequency trading" was coined. (C++)

### 2002–2004 – Software Architect

MultiSoft Kft.

SpeechFlow – Small office dictation workflow product (C# / .NET)

### 1998–2002 – Junior Software Developer

Evosoft Hungary Kft.

Genersys – CAD software used for designing the electronic controls of mobile cranes. (C++)

### 1997–1998 – Intern

Sztaki

## CONTACT ME



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## EDUCATION

1996 – 2002

M.SC IN TECHNICAL INFORMATICS

Budapest University of Technology and Informatics

## SKILLS

C# / .NET

Perl

JavaScript

Kotlin

Swift / iOS

Kubernetes / Docker

PostgreSQL

Web technologies

Hybrid Mobile Apps

## HOBBIES

Guitar  
Cooking  
Sports  
Drawing