



## Peter Zatloukal

Partner

### About Me

Since I was very young, I knew I wanted to build software. That passion led me to work with some of the most renowned companies in the world, including Microsoft, Amazon, and Apple. Over the years, I've played a pivotal role in developing AI-powered solutions, scaling engineering teams, and driving innovation across multiple industries. With multiple successful exits under my belt, I have deep expertise in both hands-on technical execution and strategic leadership. My mission is to bridge bleeding-edge technology with real-world business impact.

### Career Highlights

I have led and scaled engineering teams at Microsoft, Amazon, and Apple, delivering AI-driven solutions that transformed consumer experiences. I played a key role in Microsoft Kinect, helped launch Alexa's retail AI capabilities at Amazon, and led Xnor.ai's engineering team through its \$200M acquisition by Apple. At Apple, I led an applied research team integrating AI into flagship products like iPhone, Vision Pro, and Apple Intelligence.

### Techquity Solutions

I specialize in building high-performance engineering teams and translating emerging AI research into scalable, real-world applications. With deep knowledge of AI productization and global scale distributed systems, I help clients navigate the complexities of AI integration, ensuring that technology investments drive real business value. My experience in end-to-end product lifecycles—from ideation to acquisition—allows me to provide strategic insights that help companies successfully innovate, scale, and execute on their technology roadmaps.

### Innovation & Impact

- **Led engineering teams in the development of Microsoft Kinect, a groundbreaking AI-driven motion capture technology.**
- **Led engineering team that launched Alexa voice shopping at Amazon**
- **Served as Head of Engineering of R&D at Xnor.ai, spearheading advancements in edge AI, leading to a \$200M acquisition by Apple.**
- **Led an applied research team at Apple focused on machine learning efficiency, shipping AI models across iPhone, Vision Pro, and Apple Intelligence.**
- **Hold 35+ patents in AI, software engineering, and wireless communications, with an extensive Google Scholar profile highlighting industry-recognized innovations.**

### Why Techquity?

I joined Techquity to collaborate with a collective of industry-leading experts who share my passion for driving meaningful impact through technology. With a career spanning corporate tech giants, startups, and high-stakes acquisitions, I see Techquity as a unique opportunity to bring world-class technical expertise to industries that typically wouldn't have access to it. The ability to work on high-value, fractional engagements while continuing to shape the next wave of AI innovation makes Techquity an ideal fit for my skill set and ambitions.

### Thought Leadership

- **[Multiple patents and academic contributions in AI and machine learning \(Google Scholar Profile\)](#)**

*A recognized leader in AI and software engineering, blending strategic vision with hands-on expertise to deliver cutting-edge machine learning and computer vision solutions at scale.*



## Experience

### Executive Roles

#### Apple

Engineering Director, AI/ML

#### Xnor.ai

VP Engineering

#### Amazon

Engineering Director

#### Microsoft

Partner, Group Engineering Manager

Development Manager

#### Varia Mobile, LLC

CTO

#### AOL

VP Wireless Platforms

#### Wildseed Ltd.

VP Engineering