

Guardian Garden

XR spinoff powered by Touch4IT

Guardian Garden

Design and Develop Augmented, Virtual and Mixed Reality Apps

Guardian Garden

10+

Years of Experience

We have been at the forefront of app development since **2015** and have grown with the evolution of the XR industry.

Being shaped by the evolution of XR technology means that we will not only turn your daring ideas into reality but also **advise** and **guide** you through the whole process and help your project **excel**.

Touch4IT

Powered by

As a spinoff focused on design and development of **Augmented**, **Virtual**, and **Mixed Reality** solutions, we are backed by team of specialist from our parent company **Touch4IT**.

This gives us an edge when it comes to providing complex set of services, which makes us a true **One-stop Shop Company** for **Your Digital Innovations**.

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About Us

As an **XR**-focused spinoff of **Touch4IT**, we've been at the forefront of **XR** development for more than a decade.

We envision a world where **Extended Reality (XR)** transforms the way we interact, learn, and experience our surroundings. Our mission is to boost this digital transformation and help our clients in their efforts to seamlessly integrate daring **Augmented (AR)**, **Virtual (VR)** and **Mixed Reality (MR)** innovations into everyday life.

We Are a One-Stop Shop

**Specializing in the Design and
Development of Augmented, Virtual and
Mixed Reality apps**

Our team of experts is dedicated to pushing boundaries of what's possible,
delivering high-quality, impactful solutions tailored to your needs

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Our Expertise 

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XR App Design

Our team excels in transforming **visionary ideas** into tangible concepts. We collaborate closely with clients to understand their unique needs and objectives, crafting bespoke **XR** applications that push the boundaries of what's possible.

- **Consultation**
- **R&D**
- **Concept Development**
- **Prototyping**
- **UX/UI Design**

XR App Development

With nearly a decade of experience, our team of experts brings your ideas to life. From concept to deployment, we create customized **Extended Reality** solutions tailored to your needs. Whether it's **augmented reality, virtual reality, or mixed reality**, we've got you covered.

- **Mobile Augmented and Mixed Reality Apps**
- **Virtual Reality Apps**
- **Web AR**
- **Collaborative Virtual and Mixed Reality Apps**
- **Spatial Apps for Apple Vision Pro**

XR Content Creation

Creating realistic 3D models and visualizations helps us take the real world into **Virtual Reality**, and seamlessly blend digital content with the real environment in **Augmented** and **Mixed** Reality.

- **3D modelling and animation**
- **CAD data optimization for real-time applications**
- **Medical visualization**
- **MRI/CT scan data segmentation**
- **360° Photo and Video**
- **Location Scanning and 3D models**

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Our Focus 

Our Focus

Collaborative Virtual and Mixed Reality

The future of **Extended Reality** is not about solitary experiences. We believe it lies in **sharing** the virtual experiences we enjoy on VR headsets and mobile devices.

At Guardian Garden, we focus on developing applications that enable real-time interaction among users, whether they're in the same room or across the globe. Our innovative **Augmented, Virtual, and Mixed Reality** solutions are designed to enhance teamwork and collaboration, facilitating seamless real-time interaction and cooperation.

- **Collaborative design**
- **Remote supervision**
- **Multiplayer games**
- **Teambuilding Activities**

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Our Focus

Modular XR Application Platform

Our modular platform streamlines the development of **Augmented, Virtual,** and **Mixed** reality apps, ensuring flexibility and adaptability. While seamless updates keep your app future-proof, the real power of our modular platform lies in its multiplatform support. Not being locked into a single manufacturer or platform allows your solution to **grow independently**, avoiding the limits of device costs and availability.

Thanks to this approach, we are able to efficiently produce concepts and test prototypes for platforms which may not be available yet. **Apple Vision Pro** was a perfect use case, where we were able to develop and test apps months before the device became available in US and later in Europe.

- **Quick and agile app design, prototyping and development**
- **Effective cost estimation**
- **Cross-platform support**

Our Focus

Spatial Experiences with Apple Vision Pro

A new era of **spatial computing** begins with the release of **Apple VR headset**: the **Vision Pro**. It is considered one of the **best virtual reality headsets** by many. It not only allows users to explore stunning **virtual** environments but also enables the viewing of high-quality 3D objects and animations within the real world through **Mixed** and **Augmented Reality**.

With our advanced expertise in **Extended Reality (XR)** app development, our modular XR platform, and years of R&D in Eye and Hand tracking, we are poised to leverage Apple's cutting-edge technology fully.

Elevate your **XR** project with Guardian Garden and **Apple Vision Pro**, delivering breathtaking visuals and intuitive interactions in the **spatial apps** we develop.

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Success Stories 

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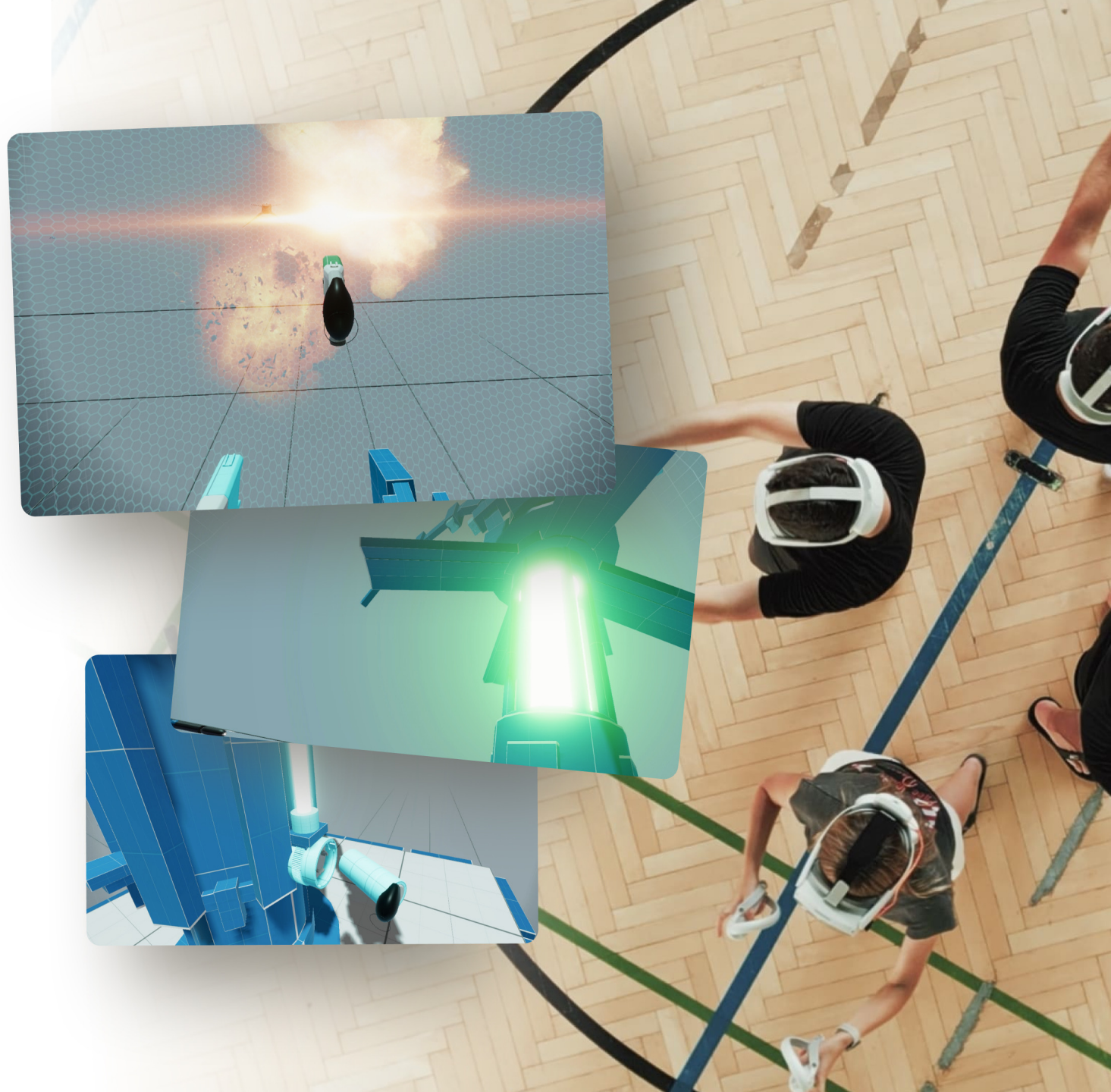
Success Stories

Holodeck Space

Holodeck Space is a captivating mixed reality local multiplayer gaming and collaboration platform that allows users to interact with each other and digital content while navigating the same physical space.

Collaborative Mixed Reality has huge application potential for both entertainment and industry solutions. The Holodeck Space platform has been developed with this potential in mind and can be adapted to house collaborative design, virtual training, multiplayer game or teambuilding experiences.

The technological excellence of this solution has been acknowledged by the **XR** community, culminating in winning **1st Prize** and **Best Game App** Awards at **Pico Dev Jam 2023**.



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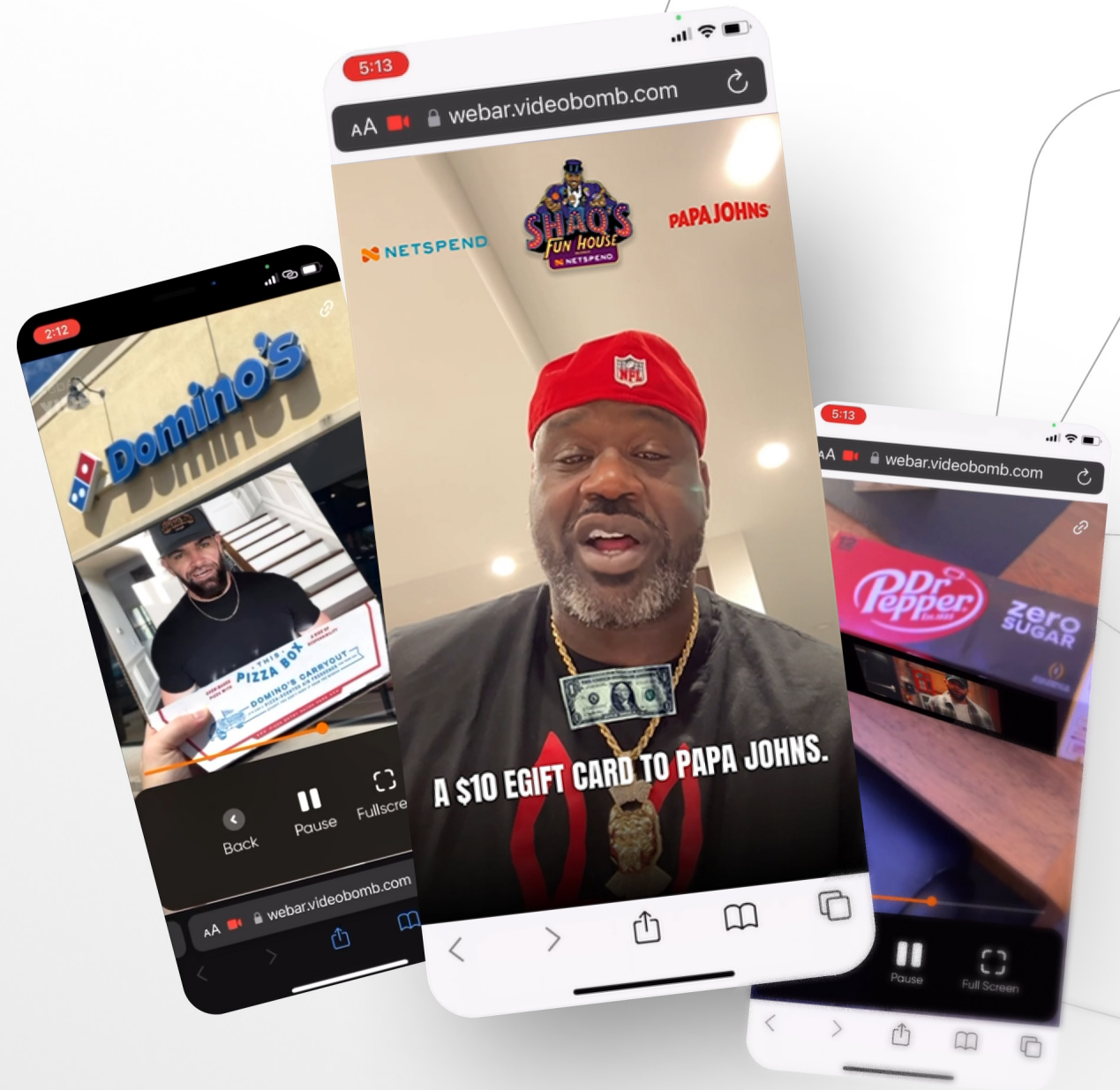
Success Stories

Videobomb

Videobomb is a **Web AR** platform for interactive brand engagement. It enables companies to create their own digitally immersive experiences in under an hour using the power of computer vision and **Augmented Reality**.

Videobomb took center stage during the Super Bowl, thanks to a promotional campaign featuring none other than Shaquille O'Neal. **Web AR** helped big brands like Domino's, Papa John's, and Dr Pepper reach audiences who would otherwise not consider engaging with augmented reality. This technology allowed users to engage with **AR** content seamlessly, leading to increased brand visibility and sales.

The numbers and sales reports after each campaign speak for themselves. During the 2024 Super Bowl AR campaign, partnership with CMA and Dr Pepper resulted in over **12.4 million** points of entry, **31.8%** conversion rate, **1.37** minute average engagement time and an increase in sales of **18.6%**.



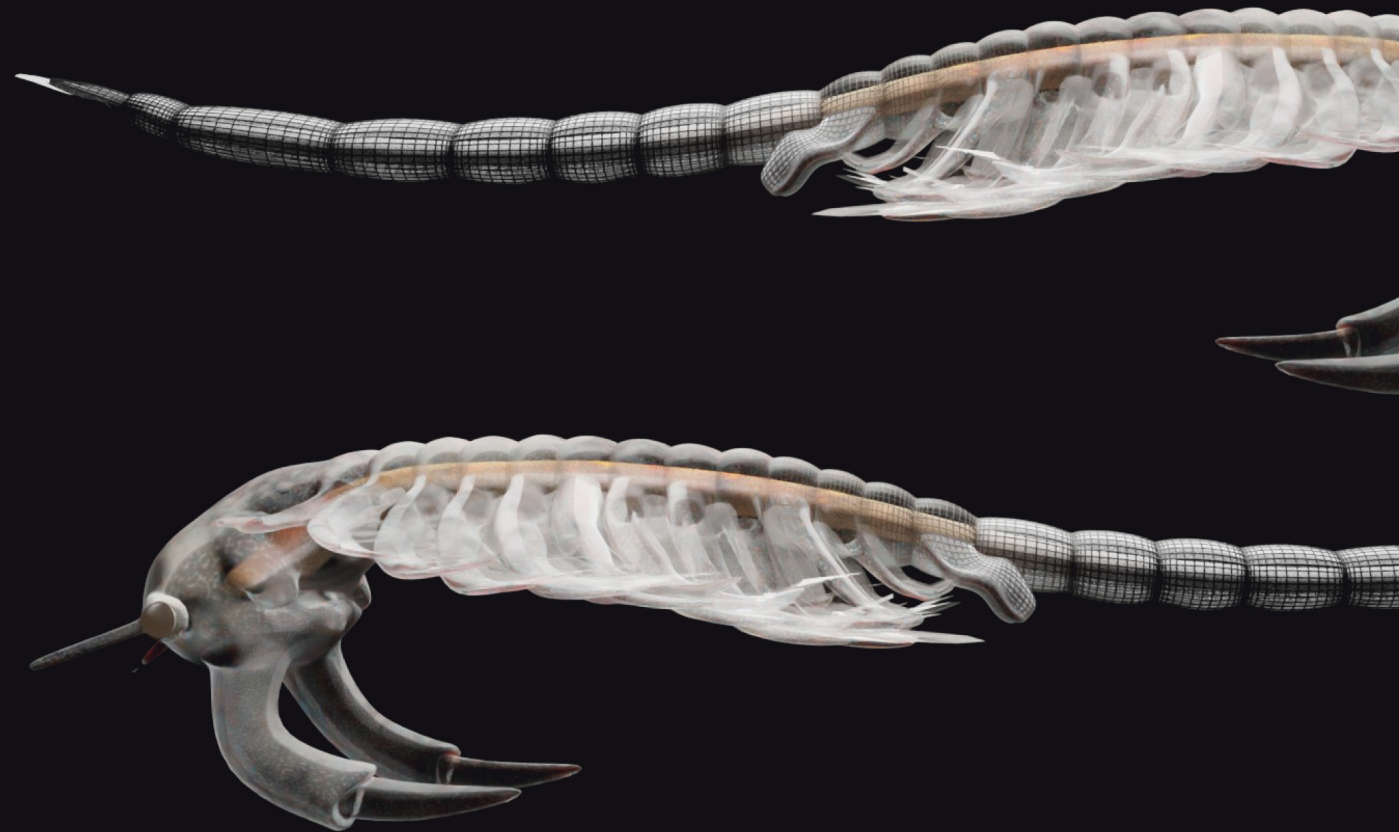
Success Stories

XR Content Creation

Creating realistic 3D models and visualizations helps us take the real world into **Virtual Reality**, and seamlessly blend digital content with the real environment in **Augmented** and **Mixed Reality**.

Our content creation goes beyond aesthetics. We strive to create unique visuals, which when combined with **XR** technologies, offer unique experiences that resonate with our audiences.

Over more than a decade on the market, we have produced content ranging from hand-drawn animations, makeup filters, realistic 3D models of architectural landmarks, machinery and products, to unique visualizations of human and animal anatomy.



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Success Stories

Other Projects

Success isn't just about accolades; it's about pushing boundaries, creating impact, and shaping the future of **Augmented (AR)**, **Virtual (VR)** and **Mixed Reality (MR)**. The success of our projects demonstrates our commitment to innovation and our ability to overcome challenges posed by new technologies.

From an award-winning **VR** multiplayer gaming platform, **Augmented** configurators for innovative dental chair or self-sustainable mobile homes, **Mixed Reality** portal which takes to peaks of High Tatras, to a **Web AR** platform capable of reaching millions of users. These are just the highlights of what's possible when clients with daring ideas partner with us - a developer able to turn these ideas into reality.



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Interested?

Get in Touch!

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ISO Certified

Clutch

5.0 ★★★★★

Highly Rated by
Customers