

Executive Summary

Here is all the information you need to know About Beyin to perform your task happily and perfectly:

We are a digital technology development company providing a wide range of digital services covering a vast range of topics relating, but not limited to, Augmented Reality (AR), Virtual Reality (VR), Artificial Intelligence (AI), and Software development; including the development of smartphone applications as well as web-based applications. We also focus on User Interface Design (UI), User Experience Design, 3D designs, and graphic design in software-related services. In VR & AR sector, we focus on the development of an application for academia as well as the industry in different fields, among others, product design review, product visualization, support in product development, training of maintenance procedures, health sector, including telehealth, construction sector, automobile, gaming, entertainment, sales & marketing.

Founders

Ghassan Hassan and Sulayyem Alshehhi

We collaborate with various sectors and institutions seeking integrated solutions and creative communication services to develop their own brands. We offer our advanced technological solutions and creative communication services to clients in all sectors, and we believe that collaborative work with our clients is the key factor in achieving success and continuous progress for the institutions we work with.

About Ghassan Hassan

Ghassan Hassan, the Co-founder and CEO of Beyin Digital Technology Limited, is a visionary leader with a proven track record of innovation and success in the technology industry. With a strong background in architectural engineering and an innate ability to understand market needs, Ghassan has guided Beyin to become a regional pioneer in the development and application of advanced technologies. Under his strategic and results-driven leadership, Beyin has emerged as a front-runner in the field of AR/VR, delivering cutting-edge, customized solutions to clients worldwide. Ghassan's commitment to excellence and his exceptional interpersonal skills have garnered him respect and trust from corporate clients and stakeholders alike. His steadfast dedication to Beyin's mission ensures that the company remains at the forefront of the fourth technological revolution, poised to capitalize on emerging opportunities and drive the future of digital innovation.

Early Life and Education

Ghassan Hassan was raised in Abu Dhabi, United Arab Emirates. He attended Abu Dhabi University, where he earned a degree in Architectural Engineering. During his time at the

university, Hassan was a reliable group leader and an active participant in extracurricular activities, even founding and serving as president of the Art and Design Club.

Career

Hassan began his career as an intern architect at Dorsch Gruppe DC Abu Dhabi in January 2019, working closely with the lead BIM Architect and the lead master planner of the company. He successfully completed all assigned tasks, including collaborating on master planning and building designs, and engineering projects.

In August 2019, Hassan transitioned to working as an independent designer on multiple architectural projects with high-profile clients and companies. He also founded TheDXI, an online design instruction platform. Additionally, he led various e-commerce projects.

In May 2021, Hassan co-founded Beyin and served as the Core Product Manager during its pre-incorporation stage. He initiated market research and business analysis for innovation in AR/VR during product discovery and developed a product roadmap, pricing, pitch, product strategy, and product management

In September 2021, Hassan officially incorporated Beyin Digital Technology Limited and became the Founder and CEO. Under his leadership, the company reduced production costs by 40% and launched its product to market within six months, utilizing scrum and agile methodologies to initiate successful sprints. Hassan micro-managed a cross-functional hybrid team of seven designers and programmers, leading user experience (UX) testing, product marketing, and product development. He directed and initiated company operations, worked closely with VCs, investors, and stakeholders, and successfully qualified the startup for the AIBC summit and Expo 2020.

Skills and Interests

Ghassan Hassan possesses an array of skills, including leadership, communication, organization, strategy, planning, data analytics, metrics, remote and online work management, attention to detail, extensive design skills in UI/UX design, 3D modeling, BIM design, process optimization, problem-solving, interpersonal skills, and verbal communication.

In addition to his professional accomplishments, Hassan has a keen interest in automotive design, furniture design, and robotics.

About Sulayyem Alshehhi

Sulayyem Alshehhi (born January 30, 1996) is an Emirati entrepreneur, electrical engineer, and co-founder of Beyin Technology, a software development company focusing on advanced technologies for global and regional markets. Known for his strong academic background and expertise in the energy sector, Alshehhi has helped establish Beyin as a leading innovator in the fourth technological revolution.

Sulayyem Ahmed Rashed Alshehhi was born on January 30, 1996, in the United Arab Emirates. He holds a Higher Diploma in Advanced Energy and a Bachelor's degree in Electrical Engineering.

Alongside co-founding Beyin Technology, Alshehhi gained valuable experience working in the energy sector. He served as a trainee at the Shin Kori Nuclear Power Plant for nine months, where he acquired hands-on experience in nuclear power plant operations. In 2019, Alshehhi joined NAWAH Energy Company as a member of their Operations Department, further expanding his expertise in the field.

In response to the growing demand for advanced technology solutions, Alshehhi co-founded Beyin Technology with the aim of developing and utilizing advanced technologies for global and regional markets. The company's mission is to provide innovative technologies in effective, efficient, and profitable ways by tailoring solutions to individual customer needs.

As the co-founder of Beyin Technology, Alshehhi has played a significant role in positioning the company as a regional pioneer in the fourth technological revolution. Beyin Technology specializes in developing software solutions that cater to various industries, including energy, finance, healthcare, and more.

Under Alshehhi's partnership, Beyin Technology has attracted top talent, built a diverse and skilled team, and established a reputation for excellence in the software development industry. The company's success can be attributed to Alshehhi's dedication, vision, and commitment to delivering high-quality, innovative solutions that meet the evolving needs of clients.

Our Clients

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Our Partners

We collaborate with various sectors and institutions seeking integrated solutions and creative communication services to develop our brand

Our Services

APPS & WEBSITES

Android And IOS Apps

UI/UX Design
Web And Mobile Platforms
Graphic Design

DESIGN

Company Websites and E-Commerce
3D Modeling & Visualization
ChatGPT & AI Apps and Websites
AR For Engineering & Architecture

TECH SUPPORT

Augmented Reality Development
Web Augmented Reality
3D Web Design And Metaverse
Immersive Experiences

METAVVERSE

Updates and Redesign
Websites and Apps Maintenance
Projects Management
Bug Fixes

At Beyin, we offer a comprehensive range of digital services to help businesses grow and succeed in today's digital landscape. Our team of experts has years of experience and is always on the cutting edge of new technologies and trends. We pride ourselves on delivering high-quality services that meet our client's unique requirements.

We put our clients at the center of everything we do, and our experienced and talented team is dedicated to delivering high-quality solutions that exceed our client's expectations. We stand out from the competition with our customer-centric approach, attention to detail, and commitment to delivering high-quality results. Additionally, we offer competitive pricing for our services, making it affordable for businesses of all sizes to access high-quality digital solutions.

Our Development stack

At Beyin, we believe in delivering the best solutions to our clients by utilizing the latest development technologies and tools. Our development stack includes a range of frameworks, languages, and platforms to ensure we meet the diverse needs of our clients. Our development stack includes a wide range of technologies, frameworks, and platforms that enable us to deliver customized solutions to our clients. We continuously update our stack to keep up with the latest

industry trends and provide the best services to our clients.

Our Stack for Web Platforms

We use HTML, CSS, and JavaScript as the foundation for all our web development projects. We then employ ReactJS and NodeJS frameworks to create interactive and scalable web applications. Next.js allows us to build server-side rendered React applications that perform exceptionally well. We also utilize Strapi CMS for content management, which enables us to build custom back-end solutions for our clients.

Our Stack for Mobile Platforms

When it comes to mobile application development, we use Flutter, React Native, Swift, and Kotlin. Flutter is a framework developed by Google, which allows us to create fast and native-like mobile applications for both iOS and Android platforms. React Native is another popular framework that allows us to build mobile applications using ReactJS. We use Swift for native iOS application development and Kotlin for native Android application development.

Our Stack for Database Platforms

For databases, we use MongoDB and MySQL. MongoDB is a NoSQL database that is widely used for its flexibility and scalability. We use it for projects that require high scalability and unstructured data management. MySQL is a popular relational database management system for projects requiring a structured and organized database.

Our Stack for Cloud Platforms

We use Google Cloud, Amazon Web Services (AWS), and Digital Ocean for cloud hosting, storage, and computing resources. Google Cloud is used for projects that require advanced machine learning and artificial intelligence capabilities. AWS provides a wide range of services that we use for cloud computing and storage. Digital Ocean is another cloud hosting provider we use for projects requiring quick and easy deployment and configuration.

Your Journey at Beyin

We understand that the customer journey is an essential part of digital product development. We ensure that our clients have a smooth and seamless experience throughout the development

process. Our team provides regular updates on the project's progress, and we encourage our clients to provide feedback at each stage of development.

our digital product development process is designed to create high-quality solutions that meet the needs of our clients and their target audience. We ensure that our clients have a seamless experience throughout the development process and provide regular updates to keep them informed.

Our goal is to create digital products that exceed our client's expectations and provide value to their target audience. We work closely with our clients to understand their business objectives and tailor our development process to meet their unique requirements.

Our Work

we are passionate about creating exceptional digital solutions that help our clients succeed. Our portfolio showcases a diverse range of projects, including Android and iOS app development, UI/UX design, web and mobile platform development, graphic design, company website development, 3D modeling and visualization, e-commerce solutions, and AR for engineering and architecture.

Our team works closely with each client to understand their unique needs and objectives, and we leverage our expertise and experience to deliver customized solutions that exceed expectations. We are proud of the work we've done and the impact we've had on our clients' businesses, and we are excited to continue creating innovative digital solutions that drive success.

Sailspad: Metaverse Business networking

At Beyin, we are proud to have developed Sailspad, an innovative platform for business networking and communication. With its cutting-edge augmented reality experiences, SailsPad provides businessmen and entrepreneurs with powerful solutions to enhance their networking and communication capabilities. By extending traditional business cards and media, SailsPad offers a new and immersive way for professionals to connect and engage with one another. Our team collaborated closely to develop Sailspad's iOS and Android app, website and landing page, and web platform, as well as the cutting-edge AR viewer that allows users to view AR business cards and profile information.

Sailspad web Platform

Our team worked hard to develop Sailspad's web platform, creating a custom solution that was tailored to Sailspad's unique needs. We leveraged the latest web development tools and technologies to ensure that the platform was fast, reliable, and scalable and that it provided a seamless user experience. We also made sure the platform was easily accessible across different devices and operating systems.

Branding

We worked on developing a the brand identity to be highly recognizable and consistent across all marketing channels, including the website, blog, and social media platforms. We developed a comprehensive brand style guide that ensured all future marketing materials would remain consistent with the center's brand message.

Why Institutions Choose AR & VR

In recent years, Augmented Reality (AR) and Virtual Reality (VR) technologies have gained significant attention in the tech industry due to their potential to revolutionize the way institutions and Small and Medium Enterprises (SMEs) operate. With the capability to enhance customer experience, improve employee training and offer more immersive learning experiences, the benefits of AR and VR technologies cannot be ignored. In this section, we will discuss why institutions and SMEs should start using AR and VR technologies.

Enhanced Customer Experience

The use of AR and VR technologies can help businesses create more engaging and interactive customer experiences. With AR and VR technologies, businesses can provide customers with virtual tours of their products, allowing them to view the product in a 3D virtual environment and get a feel for it before making a purchase. For instance, a furniture store can use AR technology to offer customers a virtual tour of their products in their homes, allowing them to see how the furniture would look in their own living room before making a purchase. This enhances the customer experience by providing an interactive and personalized shopping experience.

Improved Employee Training

The use of AR and VR technologies can also significantly enhance employee training programs. For instance, in industries such as healthcare, military, and aviation, where the risks of making mistakes can be high, VR and AR technologies can provide a safe and effective way to train employees. With AR and VR technologies, employees can practice handling complex and dangerous situations without the risks involved in real-life scenarios. In this way, AR and VR technologies can help businesses provide effective training programs while minimizing the risks involved.

More Immersive Learning Experiences

AR and VR technologies can also be used to provide more immersive learning experiences in educational institutions. For instance, students can use AR and VR technologies to take virtual field trips to different parts of the world or to simulate laboratory experiments. This provides students with an opportunity to learn in a more engaging and interactive way, making learning more enjoyable and effective.

Cost-Effective Solutions

The use of AR and VR technologies can also provide cost-effective solutions for businesses. For instance, in industries such as construction, where the cost of building prototypes can be high,

AR and VR technologies can provide a cost-effective way to test and refine designs. With AR and VR technologies, businesses can create virtual prototypes and test them in a virtual environment, allowing them to identify potential issues and make improvements before starting construction.

Future-Proof Technology

AR and VR technologies are also future-proof technologies that can help businesses prepare for the future. As the world becomes more digital, businesses need to adapt to the changing environment to remain competitive. With the ability to provide engaging and interactive experiences for customers, employees, and students, AR and VR technologies can help businesses stay ahead of the curve and remain relevant in the ever-changing technological landscape.

In conclusion, the benefits of AR and VR technologies cannot be ignored. These technologies have the potential to enhance customer experience, improve employee training, provide more immersive learning experiences, offer cost-effective solutions, and prepare businesses for the future. As the world becomes more digital, it is crucial for institutions and SMEs to start using AR and VR technologies to remain competitive and offer better experiences for their customers, employees, and students.

AR/VR Development

We Offer.

- * Developing a business strategy to benefit from new AR/VR tools
- * Choosing a proper device or a combination for the task
- * Developing device-based and back-office software to achieve the defined business goals
- * Being together at every step of the way through Beyin's consultation pool
- * Web and Mobile software development: key applications for all mobile platforms
- * Graphic design of 2D and 3D objects
- * Software and hardware testing: ensuring the most appropriate task solution
- * Embedded development: making all components operate together towards developing drivers and communication protocols

Digital Design (UI/UX, Graphic Design)

The look and feel of a mobile application or website are almost as important as its functions and content. Dynamic interaction models, streamlined user task flows, and a clear layout defines how users interact with your product.

Get A Thoughtful Design For Your Product

Designing an enterprise system, web portal, or mobile application involves careful forethought and research. Beyin UI/UX experts have a solid background, which allows them to get a complete idea of your product goals and strengths. Having these in mind, UI/UX experts will

design beneficial and intuitive task flows and layouts for your product.

- * Specification Analysis
- * Competitor/User Analysis
- * Wireframes Preparation
- * Prototyping
- * UI/Graphic Design
- * HTML/CSS Coding

Digital Product Management & Development

Technologies and architecture approaches evolve every year, enabling better performance and scalability with lower support & maintenance costs. Beyin Software product development consulting can support you in migrating to modern technologies for more flexibility, adding data layers, and upgrading outdated APIs for easier product integration with external systems. Rely on proven software and product development outsourcing company to enjoy tried-and-proven software development processes & safeguard your product quality. We stick to the modular architecture in enterprise product development. Thus, our project managers & architects can help you experiment wisely & cost-efficiently, enabling you to find the ideal balance between market adoption and business interests.

Software Development

SaaS: Software as a Service

Software as a Service, also known as cloud application services, represents the most commonly utilized option for businesses in the cloud market. SaaS utilizes the internet to deliver applications, which a third-party vendor manages, to its users. A majority of SaaS applications run directly through your web browser, which means they do not require any downloads or installations on the client side.

SaaS Delivery

Due to its web delivery model, SaaS eliminates the need to have I.T. staff download and install applications on each computer. With SaaS, vendors manage all potential technical issues, such as data, middleware, servers, and storage, resulting in streamlined maintenance and support for the business.

SaaS Characteristics

There are a few ways to help you determine when SaaS is being utilized:

- * Managed from a central location
- * Hosted on a remote server
- * Accessible over the internet
- * Users not responsible for hardware or software updates

Pioneering AI and ChatGPT Integrations for Apps and Websites

As the world embraces the fourth technological revolution, Beyin is at the forefront of providing cutting-edge solutions in AI, LLM, and ChatGPT integrations for apps and websites. Our software development company specializes in developing and utilizing advanced technologies to cater to the ever-evolving needs of global and regional markets. In this blog, we will delve into the details of our services, highlighting how we help businesses thrive in this digital age.

AI-Powered Services

At the core of Beyin's services are AI-powered solutions, which provide clients with customized applications tailored to their individual needs. By utilizing machine learning algorithms, Beyin is able to analyze vast amounts of data quickly, allowing clients to make informed decisions and improve their business processes.

Some of the AI-powered services Beyin offers include:

Natural language processing for seamless user interaction
Image recognition for enhanced user experiences
Machine learning algorithms for process optimization

Large Language Models (LLM)

Beyin's expertise in LLMs allows the company to offer cutting-edge language processing services. These models, which have been trained on extensive data sets, have the ability to understand and process language at an advanced level, enabling the development of more intuitive and user-friendly applications.

Some of the ways Beyin uses LLMs for app and website development include:

- * Content creation and curation
- * Improved customer service through chatbots
- * Sentiment analysis for market research
- * Language translation services

ChatGPT Integration

Beyin also specializes in ChatGPT integration, which combines the power of AI and LLMs to create advanced conversational agents. By integrating ChatGPT into apps and websites, clients can benefit from more interactive and engaging user experiences.

Examples of how Beyin uses ChatGPT for its clients include:

- * Developing intelligent chatbots for customer support
- * Creating dynamic and engaging FAQ sections
- * Implementing smart search engines for improved user experience
- * Personalizing user interactions based on user preferences

Building Better Apps and Websites

In the digital era, businesses need to constantly innovate and adapt to stay ahead of the competition. Creating cutting-edge apps and websites that not only meet user needs but exceed expectations is critical to success. By harnessing the power of AI, LLM, and ChatGPT technologies, Beyin is revolutionizing the way apps and websites are developed, providing clients with feature-rich, personalized, and efficient solutions that stand out in the market. In this section, we'll delve deeper into how these technologies are leveraged to create exceptional digital experiences for users.

4.1 Enhanced User Experience Through Personalization and Adaptability

Understanding user behavior and preferences is essential in crafting an exceptional user experience. Beyin utilizes AI algorithms to analyze user data, enabling the development of personalized interfaces and content tailored to individual users. Furthermore, AI-powered solutions allow for dynamic adaptation, which means that the app or website can automatically adjust to changes in user behavior or preferences, ensuring a consistently satisfying experience.

4.2 Streamlined Processes and Improved Efficiency

Beyin recognizes the importance of efficient processes in the app and website development space. By employing AI-powered algorithms and LLMs, Beyin can automate repetitive tasks, such as content generation, data analysis, and customer support, ultimately saving time and resources for both clients and end-users. Additionally, the use of ChatGPT in chatbots and smart search engines reduces response times and increases the accuracy of results, leading to an overall more efficient user experience.

4.3 Unparalleled Innovation through Advanced Technologies

The integration of AI, LLM, and ChatGPT technologies provides Beyin with the tools to push the boundaries of app and website development. By leveraging these advanced technologies, Beyin can create groundbreaking applications and websites that feature novel capabilities, such as sentiment analysis, advanced language processing, and intelligent image recognition. This level of innovation not only sets Beyin's services apart but also positions their clients at the forefront of their industries.

4.4 Scalability and Flexibility for a Growing User Base

One of the major challenges businesses face when developing apps and websites is scalability. Beyin's AI, LLM, and ChatGPT solutions are designed to easily adapt to growing user bases and changing market demands, allowing for seamless expansion without compromising performance or user experience. This flexibility ensures that clients' digital platforms can evolve alongside their business needs, providing a future-proof solution.

4.5 Enhanced Security and Privacy

As privacy concerns continue to grow, Beyin understands the importance of integrating advanced security measures into its app and website development services. By employing AI-powered algorithms, Beyin can detect and mitigate potential threats, ensuring that sensitive user data remains secure. Moreover, LLMs can be used to analyze user-generated content, helping to identify and remove inappropriate or harmful content, and providing a safer environment for users.

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