



COMPLEXITY MADE SIMPLE

~D<Greenmice

About us

We are a team of professionals specialized in the design and development of computer systems, web architectures and scalable user experiences. Taking the path of Information Technology was a simple decision for us: it was our greatest passion. And yet, today we have a more ambitious goal that leads us forward in the realm of innovation, we aim at transforming our customers' perception of digital technologies from being a complex problem to deal with to becoming a valuable asset for their business.

Our approach is focused on what matters the most to our partners. We are constantly working to ensure integrity, empathy, respect for individuals and continuous up-skilling, which we consider to be the fundamental characteristics for being 'Greenmicers'.

We have the ambition to make simple what looks complex, thanks to the cutting-edge methodologies and tools we employ. We design solutions tailored to the needs of our Partners, guaranteeing concrete and reliable results quickly and at a fair price. All this combined with the advanced engineering, elegant design and attention to details which are typical features of Italian products worldwide.



Services

Our portfolio:

- **Enterprise-level Software Development** services that give greater agility to our partners' business processes
- **Product Engineering** Services that guarantee strategic value for all phases of the product's life cycle
- **Digital Innovation** Services that intelligently integrate systems ensuring performance and excellence

We operate in the digital transformation market by offering our portfolio of solutions and services. We support enterprises, software product companies and start-ups in their quest for excellence and differentiation.

We push our Partners to undertake innovative paths, while guaranteeing maximum reliability in building mature software processes, by relying on our many years of experience as consultants in the Information Technology sector.

Our services span a wide range of domains, from web and mobile applications, to data analysis and reporting, from GIS systems to the Internet of Things; we have collaborated with a number of Partners, becoming specialists in sectors such as Telecommunications, Digital Commerce, Payments, Air Navigation, Weather, Environment and Energy, applying Business Intelligence and Analytics strategies to provide a rapid return on investment.



Enterprise Software Development

There are many technological challenges that a modern company faces. The need to grow bigger, the competition coming from new markets, the ever-increasing quality level required by customers – these factors all entail an increase in the complexity of company processes and encourage the use of a more modern approach to dealing with Information Technology.

Managing changes or system updates can be very expensive both from an economic and time-consuming point of view. The advanced use of ad hoc software solutions allows companies to face these challenges effectively and reasonably.

Greenmice Technologies has the necessary skills to be able to intervene in these processes by providing IT consulting solutions on a wide range of domains, from the development and maintenance of new applications to the modernization of existing ones, from data analysis to the improvement of the user experience.

Offered Services:

- Application Development and Maintenance
- Software Testing e QA
- Modernization of Legacy Applications
- Technology Consulting
- Business Intelligence and Data Analytics



Product Engineering

Offered Services:

- Product Design and Development
- UI / UX consulting
- Reengineering
- Mobile-enablement
- Test Services
- Maintenance and Support

Turning ideas into products is our core business and we have long and proven experience in processes that affect the entire life cycle of software products, from the conception, design, development and distribution phases.

The updating of existing products follows the same life cycle with the advantage of the know-how already acquired. Taking advantage of digital technologies is the best way to prosper for companies and startups. In this perspective, it is crucial to adopt a dedicated and effective strategy in the engineering of products. In the relationship with our Partners, in addition to consulting on the best technology or architecture to be adopted, our team promotes an essential and modern design philosophy aimed at guaranteeing the best experience for the end user.

We constantly strive to build and maintain high-level software products that accelerate the achievement of our partners' goals, giving them the necessary agility to face the many challenges of rapidly changing markets.



Digital Transformation

We are passionate about technology and we always invest in researching and exploring cutting-edge domains such as IoT, Blockchain, Machine Learning and Artificial Intelligence. By applying futuristic business models, these technologies are rapidly and profoundly re-defining the shape of the IT market.

We provide our Partners with the chance to join this wave of innovation, accompanying strategically their entire decision-making process while also making practical use of our consultancy skills.

The actual implementation of the agreed solutions and initial hypotheses can be validated through a digital kickstart or by developing a proof of concept, in order to develop a prototype able to fulfill the customers' needs.

Research and Development Areas

- Internet of Things
- Blockchain
- Big Data Analytics
- Machine Learning and Artificial Intelligence



Solutions

Offered Services:

- Backend Development
- Frontend Development
- Mobile Development
- Desktop Development
- Database Design
- Internet Of Things

Whether it's a mobile application, a site or a web application, choosing the right set of tools and technologies plays a crucial role in the success of a project. Our skills include different technological stacks which, combined, allow us to offer turnkey solutions for software development of any scale, complexity and type.

We rely on third-party Cloud infrastructures ready to use to provide cloud-first development optimized in performance and cost. We have a deep working knowledge of different design, development and test tools, which could be tailored to your needs by us in order to provide you with the best results in the shortest possible time.



Backend Development

Most Mobile and Web applications require a backend, a software installed and running on a server accessible via the Internet, able to process, manipulate and manage data – this makes backend development one of the most vital components of an application.

The backend acts as an invisible backbone that connects and integrates the various components of an application, allowing and regulating the exchange of data.

The specific features of the domain on which we intervene guide the design choices about the programming language to be adopted, but also the type of database, the design pattern and the granularity of the interfaces that will be exposed by the backend itself. We provide proven experience and a complete skillset for the design and development of backend solutions, ensuring maximum care on key requirements such as security, accuracy, redundancy, performance and scalability.

Offered Services:

- Java Enterprise Design and Development
- Node.js Design and Development
- Python Design and Development
- PHP Design and Development



Database Design

Offered Services:

- OracleDB Design and Development
- MySQL Design and Development
- PostgreSQL and PostGIS Design and Development
- MongoDB Design and Development

Information is the lifeblood of every company. Database management and archiving of all data in a standardized and simplified way is the key to effectively sharing information within an organization and between its various functional entities. The choice of the technological support to be used varies according to the type of application and the business requirements. For a data-driven company, it is essential to choose the right partner for the organization of information and the management of its databases.

We create data management solutions for the creation, sharing, use and management of information within the organization. We apply methodologies aimed at designing, developing, integrating and implementing data management systems that reach the optimal level of performance and maximize information security. We design and implement solutions that consolidate, enrich and unify information from heterogeneous sources making them available for all departments and keeping them complete, accurate and up to date.



Frontend Development

Frontend product engineering is a rapidly evolving universe. As frontend artisans we are used to solving all the challenges of frontend development with our JavaScript, HTML and CSS skills combined with more advanced techniques such as bidirectional data binding, dependency injection, directives and web components, to build powerful and performing products.

Each product is made with great attention to detail and to react responsively on large desktop screens and mobile devices. Our custom frontend development services rely on creativity and push technologies to their limits in order to offer the same look and feel on different devices while always guaranteeing high performances.

Our frontend development toolkit is powered by the latest technologies and we are always open to the adoption of the new ones that can bring better results for the products we make.

Offered Services:

- Angular SPA Design and Development
- React SPA Design and Development
- Legacy Applications (jQuery, Backbone etc.) upgrade and enhancement



Mobile Development

Offered Services:

- Ionic Hybrid Mobile Application Design and Development
- React Native Hybrid Mobile Application Design and Development

We create large-scale mobile solutions securely integrated with databases, applications and business systems. Rapid, transparent, time and cost efficient development are the characteristics that form the basis of our attitude towards any project. Our proven HTML development experience allows us to create hybrid mobile applications that will work on any device or platform.

Those who choose us for their needs for developing customized mobile applications are certain that the end result, regardless of the technology on which it is based, will be secure, scalable and sustainable in any environment it is hosted. We create applications that work like native ones while maintaining the same look and feel and ensuring the widest coverage of mobile devices and platforms. We combine the specific possibilities of various platforms with HTML5 to create powerful agnostic solutions for devices for different brands and models of mobile devices.



Desktop Development

We offer cross-platform desktop application development services to transform software ideas into market solutions, as well as coupling devices and equipment produced with complementary software. Cross-platform framework-based development allows our team to provide desktop software that can run on most operating systems (Windows, Mac OS X, Linux) with high performances and smooth user experience. With cross-platform desktop development, we can reduce delivery times and project delivery costs.

To ensure that a new application integrates seamlessly with the user's system, we equip each desktop application with sophisticated installation programs that support automatic checks and reaction to installation conditions, such as the operating system version, user language settings , third-party libraries, other software, or previous versions installed.

Offered Services:

- Electron Cross Platform Desktop Applications Design and Development



Internet of Things

Offered Services

- Board and IoT Platforms Prototyping
- IoT Data Analytics

We offer development services for the Internet of Things, designing customized applications that exploit the power of interconnected devices in order to improve business processes by enhancing them with the latest products and technologies.

Our solutions allow you to track and communicate with devices using standard or ad hoc protocols, while at the same time guaranteeing high security standards thanks to end-to-end encryption at all the connection points. We extend existing IoT business and consumer solutions, transforming connected devices and gadgets into valuable resources, monitoring and managing crucial data.



Let's build something brilliant together!

Are you looking for a reliable partner for your next project? Drop us a few lines. We are always open to discussing new projects, creative ideas or opportunities.

We will contact you as soon as possible with the right solution for you!



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