

# PixelFree Studio Revolutionizes Sustainable Software Development with its New 'Go Green' Program

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/EINPresswire.com/ -- PixelFree Studio, a pioneering force in sustainable [software](#) development, announced a synergistic addition to its groundbreaking code-generation software. The company's innovative platform enables developers to slash front-end development time by up to 80%, directly addressing one of the most resource-intensive aspects of software creation. With its new "Go Green" program, PixelFree intends on making it easy for consumers to identify companies making environmentally sound decisions in their software development, with a simple green checkmark.



pixelfree logo

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At PixelFree Studio, we're revolutionizing the software development landscape by bridging the gap between design and code, as shown in our new patent on October 15, 2024 by PatentPC Attorney Bao Tran”  
*Philipp Geppert*

PixelFree Studio's technology eliminates repetitive tasks and facilitates cross-platform deployment ten times faster than current methods. This cycle acceleration reduces time-to-market and minimizes energy consumption associated with prolonged development processes.

"At PixelFree Studio, we're not just developing software; we're crafting a sustainable future for the tech industry," said Philipp Geppert, CEO of PixelFree Studio. "Our platform represents a paradigm shift in approaching

software development, offering a solution that significantly reduces environmental impact while dramatically boosting productivity. We're proud to be at the forefront of this green revolution in tech."

The impact of PixelFree Studio extends beyond immediate development efficiencies. By streamlining the coding process and reducing cross-platform errors, the platform directly contributes to decreasing wasted computing power. This is particularly significant given that modern computing accounts for 2-4% of global greenhouse gas emissions, surpassing even the aviation sector.

As the tech industry grapples with the growing energy demands of AI and other advanced technologies, PixelFree Studio's approach to streamlined, efficient development offers a beacon of hope for a more sustainable digital future.

In a significant milestone for the company, PixelFree Studio is proud to announce that it has been granted US [Patent](#) 12118335 on October 15, 2024 by the United States Patent and Trademark Office (USPTO). This patent, which further solidifies PixelFree's position as an innovator in the field, was expertly crafted by Patent Attorney Bao [Tran](#) of the PatentPC law firm. The issuance of this patent underscores the uniqueness and value of PixelFree's technology in the software development landscape.

Attorney Tran notes that the patented technology enables the following features:

**Integration with Existing Design Tools**  
PixelFree Studio allows users to import Figma projects directly into their platform. This seamless integration enables designers at Figma to easily convert their existing designs into functional code without having to learn new design tools or workflows.

#### Multi-Language Code Generation

The system generates code in six programming languages, including HTML5, Vue, React, Angular, and C. This versatility is particularly beneficial for users at Microsoft and Google, as it allows them to:

- Quickly prototype and develop applications across different platforms and frameworks.
- Integrate generated code into existing projects that may use various technologies.
- Experiment with different tech stacks without the need for extensive rewriting of code.



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Powerful Idea

Time and Resource Savings of up to 80% of time and resources on front-end development.

For large companies like Microsoft and Google, this efficiency gain can significantly accelerate product development cycles and reduce costs associated with UI/UX implementation.

#### Error Reduction

The platform promises a massive reduction in errors when generating code<sup>2</sup>. This feature is particularly valuable for ensuring consistency across different platforms and devices, which is crucial for companies like Microsoft and Google that develop products for a wide range of environments.

#### Native Code Generation

PixelFree Studio generates native code as if written from scratch by a front-end developer, without relying on libraries or preconceived concepts. This approach offers several benefits: Greater flexibility and customization options for developers at Microsoft and Google; Improved performance of the resulting applications; and Easier integration with existing codebases and development practices.

#### Cross-Platform Consistency

The system handles the recreation of the same end-user experience across all devices. This feature is particularly valuable for companies like Microsoft and Google, which need to ensure consistent user experiences across a wide range of devices and platforms.

#### Intellectual Property Control

PixelFree Studio emphasizes that users retain full control over their projects and generated code. This aspect is crucial for companies like Microsoft, Google, and even Figma, as it allows them to protect their intellectual property and maintain control over their development processes.

#### Educational Resources and Community Support

The platform offers educational resources, tutorials, and community support. These features can help developers at Figma, Microsoft, and Google to quickly adapt to the tool and leverage its full potential, reducing the learning curve and increasing adoption rates within their organizations.

The patented technology enables a system that significantly streamlines the UI development process, offering substantial benefits in terms of efficiency, flexibility, and consistency. For users at Figma, Microsoft, and Google, this translates to faster development cycles, reduced costs, and improved cross-platform compatibility, all while maintaining control over their intellectual property and development processes.

#### About PixelFree Studio

PixelFree Studio converts designs into code as if written by an expert programmer. Through cutting-edge technology and a dedication to efficiency, PixelFree Studio is reshaping the software development landscape for a greener, more sustainable future.

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