Frontend Engineer - Interactive & UX-Driven Products

(3D · Full-Stack Background)

✉ ngk.kasia@gmail.com

📍 Brussels

📞 0032 472 84 56 12

🌐 https://kasia-ngk-portfolio.netlify.app/

SUMMARY

Frontend Developer specialized in interactive and UX-driven digital products, combining engineering, design thinking and real-time visual experiences.

I build performant interfaces that transform complex systems into intuitive user journeys.

With a background in full-stack development, 3D and design, I bridge creativity and engineering to deliver scalable, production-ready products.

WORK EXPERIENCE

Developer   01/2025 – 02/2026

Urban Tech • Brussels, Belgique

Built and deployed production-ready web applications used by real clients, collaborating within a product team and contributing to UI architecture, backend and feature delivery (SideGeek.com).

Fullstack Web Dev Coach   11/2023 – 01/2025

MolenGeek • Brussels, Belgique

Guided and mentored students while orchestrating web projects under real-life conditions.

3D / Modeling & Video Design   03/2023 – 12/2023

Tarmac • Brussels, Belgique

Designed and produced real-time 3D assets and visual experiences supporting brand storytelling and digital production pipelines.

Event Project Lead / Art Director   04/2021 – 11/2021

Emotion • Brussels

Developed visual identity, devised strategy, enhanced communication and event experience.

Event Styling & Creative Direction   02/2018 – 07/2020

Bloody Louis • Brussels

Managed scenography, oversaw production, and coordinated visuals and logistics.

Visual Merchandiser   01/2018 – 03/2023

Pinko • MMFG • Swarovski • Brussels

Executed product staging, maintained brand consistency, and enhanced customer experience.

EDUCATION & CERTIFICATIONS

Fullstack Development   2023 – 2024

MolenGeek • Brussels

Built responsive web applications using HTML, CSS, JavaScript and modern frontend frameworks.

3D Modeling & Animation   2023 – 05/2023

Formation Julien Deville • Brussels

3D modeling, lighting, animation in Blender. Real-time asset optimisation & export workflows.

Styling   2018

MMFG • Reggio Emila

Creative direction, visual storytelling and aesthetic composition.

Graphic Design   2017

Domestika • Brussels

Visual identity, typography and layout design. Creation of digital assets and UI compositions.

SKILLS, KEY STACK

Interactive Frontend Engineering

React · TypeScript · Next.js · JavaScript · Three.js / React Three Fiber · Vue.js · Tailwind · UI Performance Optimization · HTML · CSS · SASS · Responsive & Interaction Design

Creative Technology / 3D

Blender · 3D Modeling · Real-time Optimization Shaders · Interactive Visual Systems

Full-Stack Foundations

Node.js · PHP · Laravel · REST APIs · Authentication · MySQL · Deployment · Git · GitHub

Product & Experience

UX Thinking · Interaction Design · Creative Development · Cross-disciplinary collaboration