




ANDOR MERKS

Senior Front-End Developer

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SKILLS

Front-end

HTML / CSS / JS
Responsive / Animation
React / Redux / NextJS

3D, AR, VR, 360

WebGL / ThreeJS
WebAR / 8thWall
Meta Spark AR
Unity3D / Unreal

UX & Interaction

Gamification
UX & UI Design

Design Softwares

Photoshop / Illustrator
Premier / After Effects
Blender / Maya

Back-end

NodeJS / MongoDB
PHP / MySQL / WP

I'm a design focused front-end developer and creative coder utilising the latest web and 3D technologies. My well-rounded knowledge and senior experience are coupled with a passion for visual effects, games and immersive experiences.

AGENCY EXPERIENCE (10+ years)

2023

Jack Morton - Immersive Game Developer

Binance partnered with The Weeknd to show a mini AR game outside of concert venues on his After Hours Til Dawn tour. We used WebGL and WebAR to develop this app.

Happy Finish - Immersive Web Developer

AR posters for Red Bull Cliff Diving World Series event. We created 8 interactive posters using the latest 3D animation techniques to visuals all aspects of Cliff Diving.

Poppins Agency - WebGL & Front-end Dev

At Poppins we created cutting edge micro sites utilising the latest 3D and animation techniques. Our tech savvy clients were Mercedes, Vista Jet and the California based EV company Manx Meyers.

2022

Happy Finish - WebGL & WebAR Dev

Happy Finish focus on fully immersive projects. We built stunning websites and WebAR experiences for EE + Wembley, Ernst & Young, Ford Mustang.

The Mill - WebAR, SparkAR Creator

We worked on AR filters for beauty brands. R&D and experimenting with new shaders were essential.

2021 - 2016

Nexus Production - Web App Developer: WebGL, WebAR

Groundbreaking product fusing AI, image recognition and WebAR. Was part of an R&D project.

Pink Squid - Front-end, WebGL, VR

I designed and coded a custom VR experience for McKinsey and an interactive kiosk based on Google Chrome for Cleveland Clinic.

Eye-D - Front-end, WebGL

An interactive 3D character builder for the Warner Bros Lego movies. We used a customisable 3D model from the movie and generated playing card designs.

Accenture - Wordpress Web Developer

I came aboard to restructure PFG's custom WordPress site. At a later stage we rebuilt all the templates using new responsive layouts. Beside the main website I created a series of interactive data visualization for in-house use.

Suburb - Front end Developer

I created an interactive banner ad for Converse, featuring dynamic feeds from their SoundCloud, Youtube and Tumblr accounts.

Goodboy Digital - Web Developer

Our goal was to build a robust HTML5 framework for KPMG's new periodical: "SLANT". Responsive / CMS driven site, utilizing the multimedia capabilities of HTML5 across different platforms: Mac / PC / tablet / mobile.

2015 - 2010

MEDIACOM - Front/Back End Developer

E-ON's quiz published on their Facebook page. We had to cover users using both the latest devices and legacy browsers (IE7 / IE8) as well. I designed the data-flow between HTML / PHP and Javascript.

Waste Creative - Web & Game Developer

With our team we created a browser version of the iconic Sonic games. It was part of a social media campaign for Sony.

TBG London / Think Jam / Hyper Naked
CMW London / Lamb CMC / Brandformula

TECHNICAL SKILLS

3D & XR

WebGL, ThreeJS, Babylon.js
WebAR, 8thWall
Shader programming, Unity3D, OpenGL

JAVASCRIPT

ES5 / ES6 / Babel / Webpack
OOP / modules / design patterns
React / Redux / NextJS
utilizing the latest libraries / frameworks

HTML5 / CSS3

responsive / mobile / cross-browser
video / canvas / animation / SVG
Sass / LESS / Bootstrap / Underscore

API / SERVICES

Social media: FB / Twitter / Instagram
OpenAI / ChatGPT
IP lookup / Geolocation

SERVER SIDE

Node JS / MongoDB
PHP / MySQL
Amazon AWS / Google Cloud
Web Service / Rest API design

SOFTWARES

Adobe Photoshop / Illustrator / Animator / Premier Pro
Blender / Maya / Unity3d / Visual Studio

PERSONALITY

Creative thinking, technologically proactive, design savvy. Real team-player, good communicator and problem solver. Strong work ethic, stress free mentality and enthusiastic attitude. Ability to work independently to tight deadlines.

My desire from the beginning of my career was to bring out the best of the available web technologies. We live in an exciting time, with unprecedented development in online frameworks and libraries. Clarity and up-to-date knowledge are required to choose the optimal solutions from this rapidly evolving landscape.