Sylwester Mielniczuk

Creative Technologist / XR Design & Engineer

Hello

+44 7435 095295 | sylwester@workwork.fun
86-90 Paul Street, London, UK, EC2A 4NE
Portfolio | GitHub | LinkedIn | Linktree

Bio

As a dynamic Creative Technologist with over ten years of experience in web development and interactive design, I have developed a deep expertise in ECMA/JavaScript, enabling me to craft engaging digital experiences. My skills extend across WebXR, WebGL, and mobile app development, blending a unique educational background in Medicine (Master of Arts) with technical proficiency. This combination positions me uniquely at the intersection of art, technology, and finance.

Throughout my career, I've been dedicated to innovation and staying ahead of digital trends. This dedication aligns seamlessly with forward-thinking transformation programs that emphasize leveraging technology for enhancing customer experiences and driving business success. My approach is rooted in creatively utilizing technology not just as a tool, but as an integral component of modern storytelling and user engagement.

Statement

Bringing a seasoned perspective to the dynamic realm of internet technology, I have a profound passion for harnessing human creativity in the digital space. Specializing in browser-based VR/AR projects that adhere to W3 standards, my skills in JavaScript frameworks, particularly ThreeJS, enable me to enrich projects with sophisticated design and multimedia functionalities. My collaborative experience spans across notable Metaverse enterprises, contributing to Web3 NFT collections and major projects like EU

5G Tours and Samsung Electronics. As a Product Owner, I have engaged in diverse roles from strategic presentations to content creation.

My approach to technology and design is deeply empathetic, always seeking to understand user needs and aspirations. I am adept at working with senior management in large organizations and thrive in environments that value inclusion, diversity, and co-creation. My forte in rapidly developing web and mobile prototypes, coupled with my strong user experience design background, positions me perfectly for the role of Creative Technologist. Additionally, my proficiency in Adobe Creative Suite or tools like Figma and other design platforms will be instrumental in collaborative projects, ensuring the seamless integration of design and technology.

Experience

Permanent Positions:

- Samsung Electronics, Staines upon-Thames, UK
  Immersive Web Developer, Researcher and Web Advocacy
  FTC Sep 2021 - Aug 2022
- Schawk, London, UK
  HTML5 Creative Developer
  April 2018 - March 2020
- Wunderman, London, UK
  Interactive Creative Developer
  2009 - 2011
- MTV NE, London, UK
  Flash Developer, Digital Designer
  2006 - 2008
- ARC WorldWide, Warsaw, PL
  Flash Developer, Digital Designer
  2005 - 2006
- K2 Internet SA, Warsaw, PL
  Multimedia Designer, Flash Developer
  2002 - 2005
- Concept! AG, Warsaw, PL
  Web Designer, Creative Director
  2001 - 2002
- Ogilvy Interactive, Warsaw, PL
  Web Designer, Flash Developer
  2001

- Emedia, Lublin, PL
  Web Designer, Flash Developer
  2001
- Medical Academy of Lublin, PL
  Web Creative Developer, Lecturer
  1997

Freelance Projects:

- Stellar
  WebXR *Developer (ETH Blockchain NFT project)*
  Oct 2023 - Present
- ANOMALOUS PROJECTS (ANMA)
  Creative Developer (ETH Blockchain NFT project)
  Sep 2022 - Present
- Babersmith
  Social HTML5 Animations Developer
  Sep 2021 - Present
- Collective
  Social Animations Developer
  May - June 2021
- 52 Digital
  WebGL (Three.js) and PixiJS Developer
  Oct 2020
- Recipe
  HTML5 Creative Developer
  Sep - Oct 2020, Mar 2021
- McCann Health
  HTML5 Creative Developer
  Jan - Feb 2018

(Additional freelance roles from 2006-2017 include positions at Trainline, Dewynters, MOI Global, MRM Meteorite, Tag WorldWide, Dennis Publishing, eg+ worldwide, RKCR/Y&R, Ogilvy Redworks, VCCP, Havas Media, Blue Hive, BBH, FCB Inferno, G2, Momentum Worldwide, Greenroom Digital, Glue, Spinnaker Direct.)

Skills

- Web Development & Animation: Mastery in HTML5 animation technologies including Canvas and WebGL with libraries like Greensock/GSAP, PixiJS, ThreeJS, and CreateJS.

Experienced in DOOH and Display Ads Development using Google Studio Double Click, Flashtalking, and Sizmek.
- Game Development: Proficient in HTML5 game creation using PixiJS, Spritesheets, Texture Packer, and Sound Design.
- Front-End & Back-End: Adept in building Single Page Applications and Web Apps utilizing HTML5, CSS, and modern JavaScript frameworks like VueJS and NodeJS.
- Mobile Applications: Versatile in mobile app development for iOS and Android, both native (Nativescript) and hybrid (Cordova). Specializations include Games, CRM, and immersive experiences in AR/VR/MR/XR. Apple Creative Developer certified since 2013.
- Real-Time Systems: Skilled in real-time multi-user environments using Socket.io, NodeJS with Express, or Python with Flask and Django.
- Cloud & DevOps: Familiar with cloud integrations including AWS, Google Cloud, and MS Azure. Proficient in version control using Git, Bitbucket, GitHub and deployment via Unix and Docker.
- API & Database Management: Experience with REST APIs, proficient in Python frameworks like Flask and Django. Comfortable with databases including MySQL, SQLite, and MongoDB.
- Design & Prototyping: Comprehensive 360 Design skills encompassing UI, UX, and Visual Design. Proficient in usability research and prototyping tools like Sketch, inVision, Balsamiq, Figma, and Axure.
- Motion & Visual Effects: Talented motion designer with skills in video editing and VFX using AfterEffects, Premiere, and Audition.
- 3D Modeling & Scripting: Capable in 3D CGI creation using Blender and Python scripting.
- Sound & Music: Skilled in sound design and music composition, with electronic music projects under the names Sylwester and Clinical Implants.

Education & Certifications

- Master of Arts, UML, Lublin, PL
  Field: Medicine
- UAV Certification and PFAW by CAA UK, 2015
  RPQ-s Course (Course No RPQ-s/GS/14/009)
  Drone Pilot and Operator
- Apple Developer Program
  Member since 2013 (Team ID 5P9V78UZAC)
- Google Developer Program
  User since 2013

Conferences Attended:

- Blender Conference, Amsterdam, NL, 2022
- Non Fungible Conference NFC, Lisbon, PT, 2022, 2023
- Apple WWDC, San Francisco, USA, 2014
- Games Developer Conference (GDC), San Francisco, USA, 2017
- Flash On The Beach (FOTB), Brighton, UK, 2006, 2007, 2008, 2009, 2011

Awards:

- 2011 DMA, Bronze
  Project: Nokia Finnish Christmas, Nokia, Wunderman UK
- The FWA, Site of The Day
  Dec 24, 2009, Wunderman UK
- KTR 2006, Bronze & Honourable Mention
  Projects: Warn Your Friend and Win, Night Ride, LG Electronics & Diageo, ARC WW
- Golden Drum 2005, Finalist
  Projects: PZL agency website, GRIPEX, ARC WW
- Cresta 2005, Finalist
  Project: Peugeot 407 website, PSA, K2 Internet
- LIA 2005, Finalist
  Project: Peugeot 407 website, PSA, K2 Internet
- The FWA, Site of the Day
  Jul 6, 2005, ARC WW
- KTR 2005, Gold & Silver
  Projects: PZL Website, Gripex campaign, ARC WW
- Golden Drum 2004, Bronze
  Project: Peugeot 407, PSA, K2 Internet
- KTR 2004, Silver
  Projects: Fashionable NOKIA, New Volvo S40, K2 Internet
- Złote Orły 2004, Honorable Mention
  Project: Bez Poślizgu Michelin, K2 Internet

Languages:

- English: Professional
- Polish: Native
- Latin: Professional Medical Knowledge

- Russian: Conversational
- German: Basic Conversational

Various Recent Projects and Demos:

- YOLO.CX - Open MDE WebXR and AI Metaverse: https://yolo.cx
- RTAM 007 - WebXR: https://metaboy.tech/demos/pwa2/pwaxr/index.html
- Machine for Dying (Procedural generative NFT): https://opensea.io/collection/amachinefordying
- 5G Tours (WebXR): https://5gtours.eu/documents/deliverables/D4.4.pdf - https://xr.workwork.fun/samsung/quiz/emblems/
- XOYO Streams Config (WebXR): https://metaboy.tech/demos/hlsconf/
- Midas AI Depth Image Generator (WebXR, AI): https://metaboy.tech:5050/
- Rapier Engine Demos (WebXR): https://metaboy.tech/demos/cams/
- Rapier Demos (WebXR) - https://metaboy.tech/demos/eye3/
- Metaboy.tech (WebXR) - https://metaboy.tech/
- Expo360 (WebXR) - https://expo360.space/
- WWF (WebXR) - https://xr.workwork.fun/
- NeverNever (WebXR): https://nevernever.space/freeverse/?ws=wss://xr.workwork.fun:3939
- Car Pano: https://xr.workwork.fun/vr/carpano/3/
- 52 Digital Antigen: https://xr.workwork.fun/52digital/deployment/