

Davey van der Woert

Tech lead specialised in creative technology and full-stack development

London (UK) dpwoert.com davey@dpwoert.com +447426970361

Experience



Tech lead

London (UK), 2022 - current

- **Bridging the gap between design and technology.** Proactively bringing creative input and feasibility together while collaborating with other internal and external stakeholders to produce successful projects.
- **Development on both campaigns and products** for clients like Nike, OpenAI and UEFA.
- **Leading the development team** of 5 people, since joining having modernised and professionalised its development processes to be more frictionless and efficient.
- **Hand-on development** with a stack (mostly) based on **Next, React, Typescript** (Javascript), PostgreSQL (SQL) and NodeJS. Hosting via continuous integration (CI) pipelines in Azure, Cloudflare and Vercel. Largest projects have been for Nike, receiving millions of visitors per year, with specialised versions for the largest EMEA regions.
- **Worked on both digital (online) and physical experiences.** This includes large screens, interactive sensors (like depth cameras etc.) in events, stores and museums around the world.
- **Creative development done in WebGL** (ThreeJS and React Three Fibre). Augmented Reality (AR) development done via Niantic 8th Wall.



Flow

Lead front-end developer

London (UK), 2020 - 2022

- Flexible role mainly focussed on building the **front-end** for this product while the team was still very small and an **early stage stand-up**. Worked on **both the development and the design**.
- Understanding **deeply technical conversations** with mechanical and aero engineers and translating that in easy to use, but very advanced user interfaces.
- **Managed a small front-end team** that included technical and people decisions like deciding on the front-end stack, hiring and performance reviews.
- Major contributor in **product thinking** and helping out with finding the product market fit, and getting the company out of "stealth mode".
- **Hands-on development** in NextJS, React, **Typescript** (Javascript), D3 charts, Storybook, Electron app builds and hosted on Amazon Web Services (AWS) via Github Actions (continuous integration).
- **Responsible for the design**, and branding, for the whole company. Including wireframes, UI and UX design, pitch decks and a design system made in Figma.



Senior front-end developer

London (UK), 2018 - 2020

- Full-stack and creative development on projects for start-ups.
- Development done in **NextJS, ReactJS, Javascript, ThreeJS (WebGL), Postgres** via **Prisma, Apollo GraphQL**, and hosted via **Amazon Web Services (AWS)**.
- Lead the development of the first version of Lick.com, which after launch has become one of the biggest paint brands in the UK.

signal | noise

Developer

London (UK), 2016 - 2018

- Creative development for data visualisation projects in 2D via **D3.JS** and 3D via **ThreeJS**.
- Front-end development with **ReactJS**, hosted via **AWS**.
- Geographic mapping projects via public and non-public data sets (**QGIS, GeoJSON**) and executed in 2D and 3D.
- 2 personal exhibition pieces that were part of the London Design Festival.

Education

MA Digital media management

Manchester (UK), 2016

Hyper Island

BSc Communication & Multimedia Design

Den Bosch (NL), 2010 - 2014

Avans University of Applied Science

Recognition

European Design Award

Webby honorable mention

Red Dot best of the best

Spin Awards finalist

Innovation By Design Awards finalist

CSS Awards

FWA

Awwwards

Skills

Front-end development

Typescript, React, HTML, (S)CSS, WebGL, GLSL, ThreeJS, WebAR, D3 (data visualisation), Tan Stack

Back-end development

NodeJS, NextJS, Postgres, Drizzle, LLM & Agentic tooling, tRPC, gRPC & Protobuf, Zod, CI/CD (Github Actions), Cloud hosting (AWS, Azure, Kubernetes)

Design

Figma, Adobe CS

Leadership

Experience in managing teams
Process setup and management
Agile methodologies
Coaching & mentoring
Hiring process

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Experience

CLEVERFRANKE Junior developer

Utrecht (UK), 2014 - 2015

- Creative development for data visualisation and generative art projects in **D3.JS** and **ThreeJS**.
- Front-end development via **AngularJS**.

CLEVERFRANKE Graduation internship

Utrecht (UK), 2014

- Researching and developing a data visualisation tool for a survey tool that was build in-house.

DPWOERT Freelance

Eindhoven (NL), 2014-2016



Internship

Rotterdam (NL), 2013

Open Source projects

Magic Circle

<https://magic-circle.dev/>

A graphic user interface for creating coding projects on the web. A very small client to add to a project but, allows developers create a fully extensible user interface with tools to play with their projects. The aim of this tool is not only to allow for easier and quicker development but also to promote collaboration and playfulness inside teams. Support for all major tools in creative coding; Three.js, React Three Fiber, P5 and D3.

CityIO

A 3D visualisation platform for multiple cities in the Netherlands. By using 3D and local data it explores more emotional and intuitive forms of storytelling.

Portfolio

To dive deeper into my projects, which technology has been used, what role I've had etc. see my portfolio:

<https://www.dpwoert.com>

Brands I've worked with

Nike, OpenAI, Google, Meta, Puma, The Economist, Tommy Hilfiger, Tik Tok, Hugo Boss, Samsung, Imperial College, Elsevier, KPMG, Aries, Aviva, JD sports, JBL, Crocs, Booking.com

Practical information

Nationality: Dutch (NL)

Languages: Dutch, English

Residence: London, United Kingdom

Visa: settled status

Preferred work situation: On-site / Hybrid

Links

Github

<https://github.com/dpwoert>

Linked-in

<https://www.linkedin.com/in/dpwoert/>