

# Graham Van Pelt

grahamvapelt.dev | github.com/GVPproj

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## WORK EXPERIENCE

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### Fullstack Software Engineer

July 2023 – Nov 2024

*Tipbox.io | Collaboration platform for Film and TV industries*

- Built a content-authoring platform with embedded media components (video, audio, images, PDFs) empowering vendors and project owners to collaborate on multimedia documents
- Implemented an admin panel with PostgreSQL, GraphQL and React, enabling clients to set permissions, brand the platform and create user groups
- Integrated an Opensearch-driven boolean search feature with time frames, tagging, elastic-style queries, and smart folders to increase user productivity within large projects
- Delivered an app-wide redesign across hundreds of files, achieving WCAG-conforming accessibility, enhancing legibility and enabling keyboard navigation
- Led animation design for the platform, crafting resizable panels, dynamic modals, and animated icons
- Developed complex multi-page web forms with multiple data flows and searchable fields
- Optimized performance by refactoring legacy Redux code, reducing re-renders by 80%
- Overhauled type safety across the codebase, removing overused 'any' types and reducing debugging time

### Game Engineer & Web Developer (part time)

Feb 2023 – Present

*Mythical Voltage Games | Releasing indie game 'Gap Year' in 2025*

- Developed audio control scripts in C# for the Unity Engine, resulting in vibrant 3D audio environments
- Created and maintained web presence including company site design, emails and marketing materials

### Recording Artist & Musician

2005 – 2023

*15 Records released with companies in Japan, the UK, Canada and the US*

- Two decades as a bandleader with tours of the UK, continental Europe, North America, Iceland and Japan
- Broadcast to live audiences on the Tonight Show, Late Show, Japanese TV and the BBC

## WEB PROJECTS

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**Developer's Portfolio Site** | *Remix, React, Tailwind CSS, Framer-Motion, SQLite*

[grahamvanpelt.dev](https://grahamvanpelt.dev)

- Created an animation-rich tech blog and portfolio site with a Pocketbase backend

**Biolink** | *React, CSS, Radix*

[links.grahamvanpelt.com](https://links.grahamvanpelt.com)

- Built a 'Linktree'-style web-application with animated UI to provide easy navigation for music fans

**Music Festival Site** | *Astro, React, TypeScript, Tailwind CSS, Sanity CMS*

[groundwaves.live](https://groundwaves.live)

- Developed a CMS-powered music festival site with a streamlined editing interface for non-technical clients

**Artist's Portfolio Site** | *NextJS, React, Wordpress, GraphQL*

[sophiaborke.ca](https://sophiaborke.ca)

- Delivered a NextJS frontend for Wordpress with optimized image galleries for hosting large collections

## EDUCATION

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**Scrimba**

*Frontend Developer Career Path*

Self-paced, Online

Nov 2022 – May 2023

## SKILLS

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**Languages:** TypeScript, CSS, HTML, C#

**Web Technologies:** React, Redux, PostgreSQL, GraphQL, Playwright, Tailwind CSS, NextJS, Remix, Prisma

**Game Technologies:** Unity Engine, FMOD Middleware