



Fioren Nathasia

I am a Full Stack Developer skilled in JavaScript, React, Express, and MySQL. My background in textile design taught me to think visually and design with the user in mind - skills I now apply to building clear, intuitive software. I work best in collaborative settings, where team contributions lead to better outcomes than individual efforts alone. I look forward to growing and learning new skills as I progress in my career as a software engineer.

Projects

FitTech AI-powered tool for turning workout videos into step-by-step guides



Tech Stack: React, Express, PostgreSQL, OpenAI (ChatGPT API), JWT (OAuth)

- A tool that converts YouTube workout videos into concise, step-by-step guides, making it easier to follow routines without watching full videos - especially useful in low-connectivity environments like gyms
- Extracts transcripts and uses AI to generate structured JSON output, enabling the frontend to consume video content as if from a standard API
- Implemented a mobile-responsive frontend with features like workout favouriting, allowing users to save routines and access them easily across devices

MindScape A journal with built-in sketching tools to capture ideas visually



Tech Stack: React, Express, PostgreSQL, JWT (OAuth), HTML Canvas (for sketching interactions)

- A journaling app that lets users create entries with text and freeform drawings, helping them capture thoughts more visually and flexibly than text alone
- Implemented a responsive sketching tool using the HTML canvas element, supporting both touch and mouse input, with options for colour selection and stroke width control
- Sketches are stored as base64-encoded images and persist as part of each entry, with options to update, redo, or clear drawings before saving

ThriveVibe Crowdsourced video feedback platform for early-stage creators



Tech Stack: React, Express, PostgreSQL, JWT (OAuth)

- A platform that helps content creators gather targeted feedback on their videos, making it easier to improve early content when viewership is low
- Users submit prompts alongside videos (e.g. "Was the intro too long?") and receive structured responses via votes and optional comments, all aggregated into a centralised feedback dashboard
- Designed a swipe-based interface for reviewers to give quick, low-effort feedback, enabling fast voting with minimal friction

Work History

Commis Chef (Part time)

Aug 2024 - Apr 2025

Bao City, London

Adapted to a high-pressure kitchen environment, supported senior chefs, and upheld high standards while efficiently managing time within a collaborative team setting.

Design and Atelier Intern

Feb 2022 - Jul 2022

Yuzefi, London

Utilized design tools (Illustrator, Photoshop, CAD) to create technical assets and 3D mockups, supported cross-functional teams with spec sheets, factory communication, and product development tasks.

Studio Intern

Jan 2022 - Feb 2022

Jekeun, London

Produced colorized technical drawings using Adobe Illustrator and Photoshop, executed pattern replication and cutting, and carried out sewing and heat press operations.

Education

Diploma in Software Engineering

Sep 2023 - Dec 2023

BrainStation, London

- British Airways Collaboration: Built a prototype to streamline eVoucher flight booking and improve UX.

BA in Textile Design

Sep 2019 - Jul 2023

University of the Arts London, London