#### Contact

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github.com/JamieRobertson linkedin.com/in/jamie-r jamierobertson.github.io

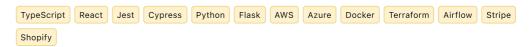
# Jamie Robertson

I work as a **full stack developer** for music streaming startup, STEM FM — deconstructing music into its constitutive parts and building it back up in new and exciting ways using machine learning algorithms.

Experience		

### STEM FM by STEM Tech

Music streaming platform and product collaboration with Kanye West stem.fm | London



#### **Full Stack Developer**

Jun 2023 - Oct 2025 (2+ years)

- Developed and enhanced stemplayer.com, a React web app that uses the WebUSB API for seamless communication with the StemPlayer, an audio mixing device, transforming it into an innovative audio streaming and mixing platform.
- Developed stem.fm, a music streaming platform that allows artists to upload and monetize their music, and fans to discover and support their favorite artists.
- Leveraged Python to build robust APIs supporting various functionalities within the web app, including intelligent music splitting through machine learning algorithms.
- Successfully integrated payment APIs (Shopify/Stripe) for subscriptions and purchases, optimizing the e-commerce experience.
- Designed and implemented music streaming analysis tools and logic for attribution of royalties and payouts to major music labels and independent artists.

## **Kano Computing**

Web apps, DIY computers and coding kits for kids

kano.me | London



#### **Full Stack Developer**

Jun 2021 - Jun 2023 (2 years)

- Development of Kano World, a suite of engaging web applications aimed at teaching children coding skills and fostering their creativity.
- Successfully integrated payment APIs (Paddle/Shopify).
- Inherited / migrated serverless Diango e-commerce backend from consultancy to bring in-house.

#### Reason Studios

Music production software

reasonstudios.com | Stockholm



#### **Full Stack Developer (consultant)**

Dec 2018 - Jun 2021 (2y 7m)

#### **Full Stack Developer**

Nov 2017 - Dec 2018 (1y 1m)

#### Frontend Developer / Design

Feb 2014 - Nov 2017 (3y 9m)

 Led the design and development of digital synth plugin shop, successfully rewriting from pHp/ColdFusion to Django/React.

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- Conducted data analysis and user segmentation to drive engagement and enhance overall user experience.
- Developed marketing automation strategies using Salesforce APIs, resulting in improved efficiency and effectiveness of marketing campaigns.
- Played a key role in infrastructure development by transitioning from Vagrant and Ansible to AWS and Docker, leading to enhanced scalability and performance of web applications.
- Created internal analytics dashboards to provide real-time insights and enable data-driven decision making within the company.

#### Monki

Fashion brand

monki.com | Stockholm

Photoshop Illustrator InDesign JavaScript AppleScript Wordpress HTML/CSS pHp

#### Graphic designer / Final art

Apr 2013 - Jan 2014 (9m)

- Design for a range of material for print and web.
- · Development of online campaigns for monki website.
- · Design and development of internal sites to be used by store employees.

### **Bright Young Things Tuition**

Customized tutoring services

PhoneGap JavaScript Objective-C HTML/CSS Adobe Creative Suite

#### App Designer / Front End Developer (Consultant)

Sept 2012 - Mar 2013 (7m)

• Designed & built a multiple-choice question mobile app using PhoneGap. App was marketed as a freemium app on both Apple and Android stores.



### **Edinburgh College of Art - University of Edinburgh**

Visual Communication Graduated 2010

# My Github profile

#### github.com/JamieRobertson

Most of the projects I work on are in private repositories. Some things are publicly available, like forked repos and personal projects.