Contact

hello.jamie@pm.me
+44 (0) 7881 820 789

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*

`TypeScript` `React` `Jest` `Cypress` `Python` `Flask` `AWS` `Azure` `Docker` `Terraform` `Airflow` `Stripe` `Shopify`

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*

`TypeScript` `React` `Jest` `Cypress` `Python` `Flask` `AWS` `Azure` `Docker` `Terraform` `Airflow` `Stripe` `Shopify`

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)

Reason Studios

Music production software

reasonstudios.com | *Stockholm*

`JavaScript` `React` `Sass` `Python` `Django` `Jenkins` `Vagrant/Ansible`

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.
- 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

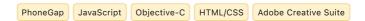Photoshop · Illustrator · InDesign · JavaScript · AppleScript · Wordpress · HTML/CSS · pHp

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.

🎓 Education

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.