Contact

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github.com/JamieRobertson
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Jamie Robertson

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

--- *Experience* ---

STEM Tech

Music streaming platform and product collaboration with Kanye West

stem.tech | *London*

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

Full Stack Developer

Jun 2021 - present (3+ 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.tech, 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.

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 (3 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
Mar 2014 - Nov 2017 (3y 8m)

- 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.

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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.