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** Tech — deconstructing music into its constitutive parts and building it back up in new and exciting ways using machine learning algorithms.

Experience	
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STEM Tech

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

ſ	TypeScript	React	Jest	Cypress	Python	Flask	AWS	Azure	Docker	Terraform	Airflow	Stripe
S	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



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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- 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	рНр

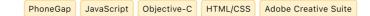
Graphic designer / Final art

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



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

O 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.