Tim Bailey

Junior Software Developer

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I am excited to transition into a tech career, where I can explore my passions for creativity, learning and problem-solving. I see software development as a natural fit for my skill-set, as it requires self-motivation, flexibility, attention to detail and adaptability- qualities I've cultivated throughout my career in the music industry. .

As a self-employed sound engineer and musician since 2009, I have performed as a drummer across the UK and internationally, in addition to teaching and running workshops. My original music projects have toured extensively and have been featured on Radio 6 and Radio 2.

Technical Skills

Languages- JavaScript, TypeScript, HTML, CSS.
Backend- Node.js, Express, PostgreSQL, Firebase, Jest, Supertest.
Frontend- React, MUI.

Experience

Northcoders / Junior Software Developer
MARCH 2023 -JUNE 2023, Manchester

Northcoders software development bootcamp is a vocational course with a focus on full stack web development, which provides a comprehensive understanding of core software development concepts and methodologies. Throughout the Northcoders program, I delved into a wide range of software development topics, including:

- Object-Oriented Programming (OOP) and Functional Programming
- Test-Driven Development (TDD)
- Paired Programming
- AGILE methodology
- Kanban Boarding
- Wireframing

I had the opportunity to apply these concepts in real-world scenarios by working individually on a frontend and backend project. Finally, I worked on a full stack group project which not only solidified my theoretical knowledge but also allowed me to gain hands-on experience in the software development lifecycle, from initial planning to deployment.

Project Links

[NC games](#) is a responsive web app designed in the style of Reddit. I single-handedly developed this application using REACT for the [frontend](#). The [backend](#) is a RESTful API.
[Barkapedia](#) is a lifestyle web app that helps users find safe places to walk their dogs. I worked as part of a team of 5 to create the app over two weeks. The [frontend](#) was built with REACT and MUI, and the [backend](#) is a RESTful API using Firebase. TypeScript was used throughout.

Freelance / Sound Engineer and System Tech
FEB 2012 - PRESENT, Manchester

I am responsible for configuring and maintaining PA systems for events, alongside deployment of the PA. Upon deployment I am responsible for sound engineering bands, DJ's and public speakers.

UTC Events / Band Leader
JULY 2010 - MARCH 2023, Manchester

UTC Events are a full-service event management company. In-house services include providing sound, lighting and entertainment for events such as conferences, awards dinners, fund-raising events, celebrations and parties. My responsibilities included;

- Booking musicians and managing personnel
- Client contact prior to and during events
- Installation and engineering of sound and lighting
- Drum Kit performance

Fallibroome Academy & Freelance / Drum Tutor
SEPTEMBER 2010 - MARCH 2023, Manchester

I have experience teaching private and group drum lessons and workshops to students of all ages. One of my notable achievements was regularly composing original pieces for a 30-piece samba band and leading their performances. In this role I encountered various challenges, including:

- Keeping lessons fresh, interesting, and exciting for students from diverse backgrounds
- Catering to the individual needs of each student, whether in private or group settings
- Understanding effective methods to motivate and inspire people

Education

Salford University / Popular Music and Recording
SEPTEMBER 2006 - JULY 2009, Salford
2:1 BA hons

Hobbies and Interests

I am an avid *mountain biker* with a passion for exploring my local trails in the peak district. In addition to conquering local routes I enjoy embarking on *long distance bike-packing adventures*. I have challenged myself to ride two long distance routes this year - the *'Peak 200'* and *'Pennine bridleway.'*

Beyond my love for the outdoors I am also an accomplished *composer and performer*. I channel my creative energy through a *9 piece jazz- funk band*, where I thrive on the collaborative process and the opportunity to showcase my musical ability.

Overall, my diverse range of hobbies not only fuels my personal growth and wellbeing but also enhances my creativity, perseverance, and ability to work effectively within a team.