

# TIM BAILEY

## Junior Software Developer

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📍 New Mills, Derbyshire

## ABOUT

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 communication skills, self-motivation, flexibility, attention to detail and adaptability- qualities I've cultivated throughout my previous career in the music industry.

## EXPERIENCE

### Junior Software Developer

#### Northcoders

📅 03/2023 - 06/2023 📍 Manchester

Northcoders bootcamp is a vocational course with a focus on full stack software 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
- Individual frontend and backend projects
- 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 inception of idea, sprint planning and deployment

### Sound Engineer and System Tech

#### Freelancer

📅 2010 - 2024 📍 UK

In this role I ensured smooth deployment and operation of PA systems for live music events. Communication of technical subjects to non-technical performers was paramount, as was the ability to make technical decisions from non-technical requests. In practice these skills allowed me to deliver in excess of 100 successful events per year.

### Band Leader

#### UTC Events

📅 2010 - 2023 📍 Manchester

UTC Events is an award-winning full-service event management company. In my role as band leader I ensured client satisfaction by;

- Booking musicians to establish teams whose members complimented each other technically and in personality
- Maintaining strong contact with the client before and during the event, while being open and flexible to requests
- Taking the role of musical director while on stage, in a fast flowing and improvisational environment

## SKILLS

### Languages

TypeScript

C#

JavaScript

### Frontend

HTML5

CSS3

ReactJS

MUI

Tailwind CSS

Next.js

Lighthouse

### Backend

SQL

PSQL

seeding

Firebase

REST API's

Node.js

### Test Driven Development (TDD)

Jest

Supertest

### Hosting

Netlify

Render

## PROJECTS

### timbailey.dev

[timbailey.dev](http://timbailey.dev) is my personal portfolio. Built with React, TypeScript, Vanilla CSS, and Firebase, it features a **REST API backend** which allows creation, updating and deletion of projects via an authentication protected admin section of the site. The **frontend** is responsive, accessible and SEO optimised. All completed projects can be found [here](#).

### TMD Frontend

**TMD** is a frontend for The Movie Database API (<https://www.themoviedb.org>). It was built using Next.js, TypeScript and Tailwind CSS.

### Barkapedia

**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.

## EXPERIENCE

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### Musician

#### Freelancer

📅 2010 - 2024    📍 Location

I have performed as a drummer across the UK and internationally, both in the studio and at live events. My original music projects have toured extensively and have been featured on BBC Radio 6 and Radio 2. Working on original material has instilled a love for the creative process, which I will carry into my career in tech.

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### Music Instructor

#### Fallibroome Academy

📅 2010 - 2023    📍 Macclesfield

I have conducted private and group drum lessons and workshops to students of all ages. My achievements included;

- Composing original pieces for a 30-piece samba band and leading their performances
- Under my guidance, students achieved a 100% pass rate for grade exams, including multiple grade 8 distinctions
- 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

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### Popular Music and Recording

#### University of Salford

📅 2006 - 2009

## PASSIONS

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### Projects

I love a project- some examples of which are building a tube microphone from scratch, sewing my own bike packing bags and camping equipment, and general DIY.

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### Mountain Biking

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

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### Music and Composition

I am also an accomplished composer and performer, channelling my creative energy through a 9 piece jazz-funk band. I thrive on the collaborative process and the opportunity to showcase my musical ability.