

# Tom Metcalf - Junior Software Developer

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**GitHub:** [github.com/TomMetcalf](https://github.com/TomMetcalf)

**Portfolio:** <https://portfolio-tom-metcalf.netlify>

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## PERSONAL STATEMENT

A business degree graduate and avid lifelong learner, I have a varied and flexible skill set developed throughout my life, which I continue to expand to this day. Programming is the perfect personal fit and chosen career path, as it matches my passion for art and design and excitement for creating new things, with my natural intrigue for problem-solving and analytical thinking. Northcoders are leading experts in this field and through my time with them, I've built a strong foundation in favoured industry practices, such as pair programming and test-driven development, whilst learning some of the most popular languages, tools, and programming principles, which I'll continue to develop into the future.

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## TECHNICAL SKILLS

**Language:** Javascript

**Frontend:** React, HTML5, CSS3, CSS Frameworks (Bootstrap, Bulma), MindAR

**Backend:** Express, SQL, MongoDB, Firebase

**Mobile:** React Native, Expo,

**Testing:** Jest, Test Driven Development

**Design Software** Adobe Creative Suite, including Photoshop, Illustrator & After Effects

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## EXPERIENCE

March 2023 - **Northcoders - Trainee Junior Developer**

June 2023  
Intensive structured training as a full stack Javascript Developer.  
Building backend restful APIs using SQL databases and Express servers.  
Frontend design created using React JS, HTML & CSS.  
Working on various sprints, using Test Driven Development and Pair Programming, while following Agile principles.

### Back End Project

I really enjoyed this solo project, which was to build a restful API, that provides access to various endpoints, allowing users to view and manipulate data related to articles, comments, topics, and users, using Node Postgres and SQL database. Testing was also implemented using Jest.

Hosted Backend API: <https://nc-news.com/api>

Backend Portfolio Project Github Repo: [github.com/Backend/nc\\_news](https://github.com/Backend/nc_news)

### Front End Project

It was great to see the above backend project come to life and allow user interaction, whilst working on this frontend project. This was built using React and React Router and made use of hooks such as useState, useEffect and useContext.

Hosted Frontend Site: <https://nc-news.com>

Frontend Portfolio Project Github Repo: [github.com/Frontend/nc\\_news](https://github.com/Frontend/nc_news)

October 2021 - September 2022	<b>Tiki Surf Co - Social Media &amp; Digital Merchanser</b> - Branton & Remote Migrating a large ecommerce website from Wordpress to Shopify. Implementing design strategies to improve the function and flow of the website. Creating content for web, social media and brand product catalogues.
November 2017 - September 2022	<b>Tom Seager Art - Artist / Animator-</b> Exmouth & Remote Designing and creating linocut prints, digital artworks and animations. Developing and maintaining ecommerce websites, newsletters and blog content. Social media management (Instagram, Facebook and Pinterest). Building relationships with wholesale retailers and other clients.
June 2013 - April 2015	<b>Exeter University - Reception and Administration Assistant</b> - Exeter Answering the telephone/email and dealing with student's enquiries. Receiving, registering, organising and distributing student post and parcel. Developing and maintaining a variety of different student records spreadsheets.

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## EDUCATION & QUALIFICATIONS

<b>BA (Hons) Tourism Management</b> University of Wales Institute, Cardiff Including one semester on Erasmus exchange studying at Vidzeme Augstskola, Latvia	<b>2:2</b>	<b>12 GCSE Level Examinations</b> <b>3 A Level Examinations:</b> Communication Studies Psychology Physical Education	<b>A* - B</b>  <b>A</b> <b>B</b> <b>C</b>
<b>Electrical Industry Qualifications</b> EAL Part P VRQ, City & Guilds 2382 17 <sup>th</sup> Edition, 2330 Electrotechnical Training Level, 2391 & 2392 Inspection & Testing		<b>Further Qualifications Attained</b> Level 3 Award in Education and Training CELTA - Certificate in Teaching English to Speakers of Other Languages Mental Health First Aid - MHFA England	

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## INTERESTS

<b>Art</b>	A self taught artist, skilled in a variety artistic mediums, I fell in love linocut prints and it was these prints and designs that provided the starting point for my art business. I've also more recently moved into creating frame by frame animations, using online resources to learn this and have since worked on a number of commissioned projects.
<b>Graphic Design</b>	Creating and developing both raster graphics and vector based designs using Adobe Photoshop, Illustrator and AfterEffects on Mac, as well as Procreate and Affinity Designer on iPad and Mac. This allowed me to expand my art and design business.
<b>Web Design</b>	To promote and sell my art, I have designed, developed and maintained my own Ecommerce websites using Wordpress and Shopify. I have also previously built other websites, for promoting my own music as a DJ/songwriter, for my own personal internet marketing businesses and for friends organisations.
<b>Volunteer</b>	While living in South Devon, I volunteered with The Wave Project, as well as for other local mental health groups. Since moving to North Devon in November 2019, I joined #2MinuteBeachClean as a Guardian Angel, overseeing the local beach clean stations. I find volunteering extremely rewarding and I think that it's important to give something back to try and make people's lives and the planet a little better.

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## REFERENCES - Available on request