JAKE TYSOME

FULL-STACK SOFTWARE ENGINEER

CONTACT

✉ jaketysome@gmail.com

🟢 07802 790 058

○ **github.com/jaketysome**

in **linkedin.com/in/jake-tysome**

SKILLS

Languages & Frameworks
- JavaScript (ES6+)
- TypeScript
- React
- Next.js
- React Native
- Node.js
- Express

Databases & APIs
- SQL
- PostgreSQL
- REST APIs
- Notion API

Testing & Tools
- Jest
- Supertest
- Vercel
- Google Analytics 4
- Strapi
- DigitalOcean

Version Control
- Git
- GitHub

EDUCATION

BSc (Hons) Audio Engineering & Production, 1st Class
Futureworks/UCLAN *09/2015 - 07/2018*
Awarded **Best Student Award** - Class of 2018

Software Engineering Bootcamp
Northcoders *2022-23*
JavaScript, React, Node.js, PostgreSQL, Agile Methodology, Version Control

PROFILE

Proactive, personable and dependable full-stack software engineer specialising in **Next.js, Node.js, and TypeScript**. Skilled in translating business requirements into high-performance, scalable applications. Experienced in collaborating with stakeholders to refine designs, integrate feedback, and enhance user experience. Passionate about writing clean, maintainable code that improves performance, usability, and scalability.

EXPERIENCE

Full-Stack Software Engineer
Flux QX Ltd. (Remote, Stockport)
03/2023 - Present

Sole engineer responsible for designing, developing, and maintaining full-stack applications using Next.js, TypeScript, and Node.js. Led technical decisions and implemented key features across multiple projects, including:

- Implemented Next.js Edge Functions to enhance international search accuracy, resolving region-specific inconsistencies.
- Built data sanitisation pipelines for Notion API integrations, improving data integrity and maintainability in React applications.
- Developed a custom React-based audio player using the HTML Audio API, optimising playback efficiency and reducing reliance on third-party libraries.
- Integrated third-party services such as Google Analytics 4 and headless e-commerce solutions to enhance analytics and scalability.
- Worked closely with stakeholders to scope, develop, and refine features, ensuring alignment with business goals.

Junior Full-Stack Developer
Northcoders (On-Site, Manchester)
10/2022 - 02/2023

Achieved an industry-led certification in Full Stack Software Engineering, applying best practices across the software development lifecycle. Key contributions include:

- Designed and developed a full-stack news platform, building a RESTful API that mimicks real-world backend services (e.g., Reddit) and a React-based frontend with sorting, filtering, and interactive features.
- Built and deployed Node.js and Express APIs, implementing PostgreSQL for efficient database interactions.
- Applied Test-Driven Development (TDD) with Jest and Supertest.
- Gained hands-on experience with Git version control, including branch management and collaborative workflows.
- Worked in an Agile development environment, participating in scrum ceremonies, sprint planning, ticket management, and daily standups.

INTERESTS

Music Production & DJing

- Passionate about music production and DJing, with experience in audio software, sound design, and digital signal processing.

Audio Engineering

- Background in audio engineering has fostered a passion for solving creative problems with technical solutions, bringing a unique perspective to software development.

Science & Philosophy

- Keen interest in Astronomy, Cosmology and Physics
- Enjoy reading books by Carl Sagan, Richard Feinman, Stephen Hawking, Richard Dawkins

Freelance Audio Engineer

JT Audio Post (Remote, Manchester)

09/2021 - 10/2022

- Communicated directly with clients to deliver high-quality audio for film, television, and online.
- Trusted to deliver work for brands such as L'Oréal, TSB, Old Spice, Holland & Barrett, and John West.

Principal Audio Post-Production Engineer

The Den Post Production (On-Site, Manchester)

09/2018 - 09/2021

- Managed and maintained integral audio systems and technology.
- Worked directly with clients, talent, and team members to interpret creative briefs into professional content across a wide variety of media including Film, TV and Online.