Josh Thomas

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Summary

A driven and enthusiastic Junior Software Engineer with two years of freelance experience creating websites, web apps and mobile apps, proficient in JavaScript, React, React Native, Node.js, Python, Django, and AWS, with a strong focus on building scalable, responsive, and user-centric solutions.

Technical Skills

Languages: JavaScript (React, React Native (Expo), Node.JS / Express.JS, JSX), Python / Django

Others: AI, OpenAI, Redux Toolkit, Context API, Bootstrap/React Bootstrap, Chakra UI, MySQL, MongoDB, AWS (S3, CloudFront, EC2, ElasticBeanstalk, Amplify, Lambda), Vercel, Hostinger

Experience

Freelance Web Developer – May 2022 to Present
Working closely with clients to gather requirements and refine designs, I developed fully responsive, custom web applications for several local businesses. These included an AdBlue removal company, a gym, and a tree surgeon business, each tailored to their unique branding and functional requirements. Technologies used included JavaScript React, Bootstrap, WordPress and were hosted with Hostinger.

Projects

GigSweep — Full-Stack Web and Mobile Application for the Live Music Industry

Description: A platform connecting musicians and venues, featuring artist and venue profiles, the ability to search for, book, and manage gigs, and AI-driven review moderation.

Key features include:
- Artist profiles with details like genre, location, availability, upcoming gigs, and reviews
- Gig management for artists to post or pick up gigs and venues to book bands using advanced filters
- AI-driven review moderation using Google Perspective API to ensure a positive platform environment
- Pro tier accounts for additional features and premium functionality

Tech Stack:
- **Frontend**: React, React Bootstrap
- **Backend**: Node.js/Express.js (initially Python/Django but replaced)
- **Database**: MongoDB (initially MySql but replaced)
- **Mobile**: React Native (fully functional cross-platform app with all web features)
- **Deployment**: AWS (Elastic Beanstalk, S3, CloudFront)

Melody Maestro — AI-Powered Music Recommendation Platform

Description: A web app that takes user input about artists they enjoy and provides music recommendations for similar artists using OpenAI's completions API.

Tech Stack: React, Vite, Chakra UI, AWS

Qualifications

University of South Wales:

2019 Bachelor of Science in Popular Music Technology
2020 Master of Arts in Songwriting and Production

Interests

Technology: I have a passion for learning new technologies and understanding how they can be used to provide solutions to problems. I am currently exploring AI and the many opportunities that it may bring.

Travel: I enjoy travelling to different countries and experiencing different cultures.

Sport: I enjoy lifting and training with weights. I attend the gym as often as possible, usually 4 times per week.

Relaxation: I used to be in a rock band, travelling the country to play at festivals and other venues. I am no longer in the band but enjoy playing the guitar and often deputise for guitarists in bands for specific gigs from time to time.