

# Stephen John Bunting

<https://stebunting.github.io>  
<https://github.com/stebunting>

## ABOUT

I have spent the last 15 years as a touring sound engineer, but have always pursued computer programming as a hobby and as a tool to help me and my colleagues in other fields. I am now looking to get off the road and start a new career as a software developer, utilising the knowledge I have gained, my experience working with professionals from all over the world and the technical skills I relied on daily.

## PROGRAMMING LANGUAGES

JavaScript/Node.js/React, Python/Flask, Java, Swift, Web Scripting (PHP/HTML/CSS)

## PREVIOUS PROJECTS

- ▶ **Whisk.se** A website and e-commerce store developed in Node.js with MongoDB and Swish integration for an eco-conscious bakery in Stockholm ([whisk.se](http://whisk.se))
- ▶ **OSM PreSave** A web app in Node.js that automatically updates subscribed users' Spotify, Apple Music or Deezer accounts with a customised playlist the day a track is released ([opensourcemusic.com/dnn/](http://opensourcemusic.com/dnn/))
- ▶ **ShareTrader** A web application for keeping track of LSE-based share portfolios build in Python with Flask. Retrieves up-to-date data from ADVFN and logs it to a MySQL database to track portfolios and compare to indices ([sharetrader.stevebunting.com](http://sharetrader.stevebunting.com))
- ▶ **RFXp** An Android / iOS application for calculating and verifying inter-modulations and avoiding clashes with local broadcasting when setting up touring radio microphone systems ([rfxp.stevebunting.com](http://rfxp.stevebunting.com))
- ▶ **RF Library** An OS X application to convert, process and organise exported files from radio scanners for use in radio microphone configuration for live events ([rflibrary.stevebunting.com](http://rflibrary.stevebunting.com))

## EXPERIENCE

### Freelance Live Sound Engineer (2005 – 2020)

Primarily working as a monitor engineer and RF technician, I was responsible for mixing the on-stage sound directly for the artist for acts including Tom Jones, Little Mix, Pixie Lott, Leona Lewis, Jason Derulo among others. Events included worldwide tours, one-offs, festivals and corporate events.

The job required a large number of skills, including:

- ▶ Working with a variety of demanding teams in fast-paced environments and high stress situations.
- ▶ An understanding of the needs of fellow musicians and the ability to accurately represent their artistic vision into technical reality.
- ▶ Experience operating, configuring and setting-up a wide variety of complex professional sound reinforcement equipment, including most modern digital mixing consoles, DSP and line arrays, with the ability to rapidly adapt when faced with unknown hardware.
- ▶ Knowledge and operation of popular digital audio workstations and other audio software, including Logic X and Waves.
- ▶ A comprehensive knowledge and understanding of radio technology and coordination.
- ▶ Practical expertise of dual-FFT based audio analysis equipment.
- ▶ Logical understanding of signal flow and using test equipment for rapid fault-finding.
- ▶ Considerable IT knowledge of wired/wireless networking, audio control software and array prediction.
- ▶ A good knowledge base of audio theory ranging from acoustics and electro-acoustics to audio engineering and electronics.

## EDUCATION

- ▶ Short Courses in Node.js, React, Java, Android, iOS, AWS (Pluralsight / Udacity) *(2015 – 2020)*
- ▶ CS50: Introduction to Computer Science (edX) *(May 2017)*
- ▶ Graduate with 2:1 classification from the BMus (*Hons*) Music and Sound Recording (Tonmeister) course of the University of Surrey *(June 2005)*
- ▶ Associateship of the University of Surrey with Distinction *(June 2005)*
- ▶ ‘A’ Levels in Maths (A), Physics (A) and Music Technology (A) with an ‘AS’ level in Further Maths (A)

## OTHER

- ▶ I have an easy-going, friendly, approachable and helpful nature while maintaining meticulous and exacting standards.
- ▶ I am adaptable, quick to learn new technologies, workflows and best practices and always looking to expand my knowledge.
- ▶ Native English speaker with working Swedish language.

## INTERESTS

My time on the road has inspired an interest in both photography and cookery. I also enjoy listening to many kinds of music in spare time, as well as playing the piano and swimming.