



Work Experiences

TV & Radio Broadcasting & Recording Technician | Media Loan Hub Counter Staff

October 2022 - Ongoing.

Lighting Designer & Programmer, Sound System Designer & Engineer.

Lighting: March 2019 - Freelance.  
Sound: June 2023 - Freelance.

Lighting Designer, Technician and Operator

October 2023 - June 2025



Education

A - Level : BioScience.

April 2007 - July 2022.

BSc(Sound, Light & Live Event Engineering).

September 2022 - July 2025.

Dante Level 1,2 and 3 Certification

Online - March 2023 - Level 1  
Online - October 2023 - Level 2  
Online - April 2024 - Level 3

Shure RF Wireless, Axient Digital Systems Certification

Online - October 2023 | October 2024

WAVES SoundGrid Certification

SoundGrid 101: Introduction to SoundGrid  
SoundGrid 201: In-Depth Training  
SoundGrid 301: Advanced Training  
Online - October 2023

L-Acoustics Live Sound Certification

Online - December 2023

Harman Certified Pro Audio Designer

Online - February 2024

Meyer Sound - Portable Systems Deployment & Low Frequency Control, Spatial Audio: SpaceMap Go

University of Derby - March 2024

University of Derby - Derby, United Kingdom.

Over 600 hours as a Technician & Operator in the journalism department’s radio and TV studios, equipped with a Calrec Type R audio desk and Newtek Tricaster II video desk. I ensure efficient use of these systems to deliver quality broadcasting and recording experiences, also teaching students to operate the equipment. Additionally, I maintain, troubleshoot, and manage the Media Loan Hub's camera, audio, and lighting gear, supporting professional filmmaking education and performing PAT tests on equipment.

Universal Sound and Light - Kolkata, India.

As a Lighting and Sound Designer at Universal Sound and Light, I bring expertise in intelligent lighting, Madrix lighting control, and Pangolin laser programming, where I design and operate professional lighting equipment, lasers, and kinetic lighting bars based on client specifications. I have had the privilege of working with major TV channels like Zee Bangla and Colours Bangla as their lighting designer, delivering high-quality visual effects tailored to each project.

In addition to lighting, I play a central role in creating immersive audio experiences for events, from conceptualising and planning sound setups to implementing optimal audio configurations for concert venues and corporate gatherings. I have in-depth experience with L-Acoustics systems, including K2, KS28, and KARA II, and am proficient in operating their hardware (such as LA12X amplifiers) and software tools, including SMAART, d&b ArrayCalc, NoizCalc, SoundVision and Network Manager for precision in DSP and system analysis.

University Of Derby - Derby, United Kingdom.

I have worked on multiple projects in the lighting team in University of Derby’s Client based projects as part of of the undergraduate course. Projects I have worked on includes WFR Central Festival at Dedà 2024, UoD Student Union Awards 2024, Glitz Glamour Cancer Charity Event 2024.

St. Stephen's School - Kolkata, India.

Educational Affiliation : CISCE, New Delhi, India

University Of Derby - Derby, United Kingdom.

Currently Studying Year III of Bachelors of Science in Sound, Light And Live Event Engineering which includes modules like Audio Technology, Electrical Circuits and Devices, Engineering Design, Engineering Workshop, Lighting and Video Technology and Live Event Stagecraft, Stage and Event Lighting Systems, Electro Acoustics, Live Event Techniques, Computer Systems and Networks, Immersive Audio And Extended Reality, Video Streaming and Visual Technology, Audio Effects Design, Lighting Design and Show Control, Live Event Practice, Live Sound Design and Optimisation. 80+ Hours worked in live event festivals and corporate events.

Audinate - Sydney, Australia

Dante Level 1, Level 2 and Level 3 Networking Certified Engineer with fundamental knowledge on digital audio, networking addresses, routing and troubleshooting and how to use Dante Controller, DVS and Dante Domain Manager with Dante enabled AV devices.

Shure Inc, - Niles, Illinois, United States Of America

Selecting optimal microphone systems, demonstrated through in-depth analysis of the Shure product line. Knowledge of remote-mount antennas, networking, portable applications, and the analog vs. digital dilemma. This also included how to properly use the latest Axient Digital wireless microphones and scan areas for RF interference and choose a clear RF field for microphones to work.

Waves Audio Ltd. - Tel Aviv, Israel

These certifications are part of a comprehensive training program encompassing Digital Signal Processing (DSP), digital audio effects, and the utilisation of Waves servers in live audio scenarios. They reflect my proficiency in navigating the intricacies of digital audio, showcasing expertise in DSP techniques and the application of WAVES SoundGrid servers for optimal performance in live audio environments.

L-Acoustics - Paris, France

This training attests to my comprehensive understanding of sound system structures, fundamentals and proficiency in navigating the workflow of live sound environments. This training has significantly augmented my skill set, reinforcing my commitment to excellence in the dynamic realm of live event production.

Harman Pro Audio (A Samsung Subsidiary)- Stamford, Connecticut, United States Of America

The Harman Pro Audio Designer Certification offers comprehensive training in advanced audio technologies, covering sound systems, signal processing, and system optimisation. Participants gain hands-on experience in designing and configuring audio systems for diverse applications, from live events to commercial installations. The course emphasises industry standards and best practices, preparing professionals to deliver exceptional audio experiences.

Meyer Sound - Berkeley, California, United States of America

Intensive training in Portable Sound System Deployment (PSD) has been completed, resulting in expertise gained in deploying portable live sound systems and mastering networked audio, monitoring, and advanced Meyer Sound solutions. Specialised training in Low Frequency Control (LFC) has also been undergone, focusing on considerations specific to Meyer Sound's LFC subwoofer product line. With certification eligibility for AVIXA CTS, CTS-D, and CTS-I RU, preparedness has been achieved to contribute to sound system design and deployment projects. It also explored the principles of spatial system design, object-based mixing, and real-time spatialisation techniques, using Meyer Sound’s Spacemap Go platform as a foundation. It deepened my understanding of how spatial audio is reshaping live performances, theatrical sound, and experiential installations—equipping me with the tools to design and operate advanced multi-speaker environments with precision and creativity.



References

**Kit Lane**  
Senior Lecturer (Sound, Light and Live Event Engineering : University of Derby.

[K.Lane@Derby.ac.uk](mailto:K.Lane@Derby.ac.uk)

**Anita Cobourne**  
Team Leader Creative Media, Head - Media Loan Hub: University of Derby.

[A.Cobourne@Derby.ac.uk](mailto:A.Cobourne@Derby.ac.uk)

**Sandip Paul**  
Manager : Universal Sound And Light

[Sandippaul@universalsoundandlight.com](mailto:Sandippaul@universalsoundandlight.com)

**Alex Canner**  
Senior Lecturer (Journalism): University of Derby.

[A.Canner@Derby.ac.uk](mailto:A.Canner@Derby.ac.uk)



Skills

**Electronics & Electrical Systems Knowledge**

**Lighting Design: WYSIWYG, Capture**

**Lighting Programming: Avolites, grandMA3/2**

**Computer Programming in JAVA IDE like processing**

**Digital Audio Workstation (DAW) mixing, routing, developing new programs for controlling devices.**

**Live Sound Mixing: Yamaha Consoles, Allen-Heath, DiGiCo Consoles.**

**Sound System Design & Optimisation: L-acoustics Sound Vision, Network Manager, d&b ArryCalc, NoizCalc, SMAART, L-Acoustics M1, REW, Glio**

**Computer Aided Design (CAD): WYSIWYG, AutoCAD, Sketchup, Solidworks.**

**Computer Networking Solutions, Device Troubleshooting, Problem Solving**

**Microsoft Office, Problem Solving & Team working.**



About Me

I’m a passionate FOH Live Sound Engineer dedicated to delivering clear, powerful, and immersive audio experiences for live audiences. With hands-on experience in system design, mixing, and sound optimisation, I specialise in bringing out the best in every performance. From intimate gigs to large-scale productions, I focus on precision, musicality, and consistency at the front of house ensuring the artist’s vision is heard exactly as intended.

I hereby confirm that all the information mentioned in this document are correct and I am responsible for it.All certifications can be seen at my online portfolio listed on top right of the page