Jon Constantine

Studio engineer, lecturer and software developer

hello@joncon.studio
joncon.studio
Galway, Ireland

PROFILE

I've run the desk, the studio and led the course. Now I build software for the people in each of those chairs: SigLink and LiftOff for studios, Pedagogo for lecturers. A background in recording studios and higher education, with an MSc in Applied Software Engineering under way.

EXPERIENCE

Building the tools 2025 to now
JonCon Studio
SigLink, LiftOff, Pedagogo and a plugin collection still under wraps.

Director 2022 to now
Session Recall CIC
Music technology education for people without a route into degree-level study. Grant-funded by the Ashley Foundation, the National Lottery and the UK Government.

Lecturer, then course leader, BA (Hons) Music Business 2021 to 2026
BIMM Dublin
Lecturing on the BA and MA from 2021. Course leader from 2023: curriculum, industry partners, assessment and the students themselves.

Lecturer 2015 - 2022
Bridgend College
Music Business, performance and music production lecturer across L2 - L5 (UK). Course Leader for L2 RSL Music Performance

Studio manager 2015 to 2021
Leeders Vale Studio, Ebbw Vale
Ran the studio day to day. Helped bring Gil Norton and Public Service Broadcasting to Ebbw Vale, showed them round and assisted on both sessions. I'd worked with Gil before; we trialled a session with a band from Liverpool and he loved the space.

In-house assistant 2014 to 2021
Rockfield Studios, South Wales
Assisting producers including Greg Haver, Gil Norton, Nick Brine and Craig Silvey, Dan Swift on records for artists including Thunder, Tom Odell, Chianski.

Freelance engineer 2014 to 2021
Independent
Recording and mixing, alongside the studio jobs.

Studio Manager 2009 to 2014
Op:eC Studios, Porthcawl
Residential recording and rehearsal studios based in Porthcawl.

BUILT

Pedagogo. AI teaching tools for lecturers, live at pedagogo.io. React and TypeScript on Supabase and Vercel, with Google Gemini.

SigLink. DAW control for the SSL Sigma ðelta from an SSL UF8. C++ and JUCE 8 with a React interface, and more than 16,000 automated checks, including runs against a software model of the mixer.

LiftOff. A context-aware launcher for macOS 26. Swift 6, SwiftUI and AppKit, on-device only, with 227 tests.

Hayloft (codename). A plugin collection modelling the rooms and hardware of a legendary residential studio. In development.

EDUCATION

MSc in Applied Software Engineering
TUS, 2026 to now

Certificate in Software Engineering
TUS, summer 2026

H.Dip in Software Development
ATU Galway, 2025 to 2026

MA Music Industry Innovation and Enterprise, Distinction
Waterbear, Brighton, 2018 to 2019

PG Cert in Post Compulsory Education Training - Merit
University of South Wales, 2015-2017

SKILLS

Software
TypeScript, React, Next.js, Swift and SwiftUI, C++ and JUCE, Python, SQL and Postgres, Java.

Platforms
Supabase, Vercel, AI SDKs and LLM workflows.

Audio
Pro Tools, Logic, LUNA, SSL consoles and controllers. Recording, editing and mixing.

Teaching
Programme leadership, staff development and training, curriculum design, assessment, lecturing at BA and MA level.