

# GALEB SALEH SÁNCHEZ

## Senior Electronics Specialist | High-End Audio, Power Electronics & Precision Prototyping

Valencia, Spain · +34 679 816 386 · tda1541a@galebsaleh.work · galebsaleh.work

### TECHNICAL FOCUS

High-End audio systems  
Vacuum tube electronics  
Class D/H high-power audio  
Resonant power converters  
Advanced diagnostics & repair  
PCB, wiring & interconnection  
CNC, fiber laser & diode laser  
3D technical materials & parts  
PIC microcontroller programming  
Functional prototyping

### TOOLS & PROCESSES

OrCad · Proteus · Proton IDE  
PIC microcontrollers  
PCB fabrication  
CNC machining  
Fiber laser marking  
Diode laser processes  
3D design & printing  
Measurement-based diagnostics

### CONTACT

tda1541a@galebsaleh.work  
galebsaleh.work  
Valencia, Spain

### 01 PROFESSIONAL PROFILE

Senior Electronics Specialist with 34+ years of hands-on experience in High-End audio, advanced diagnostics, custom electronic development, power electronics and precision prototyping.

His work covers the complete path from circuit concept, simulation and PCB development to wiring, fabrication, assembly, testing and functional hardware.

Galeb's approach is defined by clean implementation, reliable interconnections, material judgment, inspection, functional validation and long-term serviceability.

### 02 CORE CAPABILITIES

#### ELECTRONIC DESIGN & SIMULATION

Circuit design, schematic work, simulation, PCB preparation and validation.

#### HIGH-END AUDIO & TUBES

Custom audio systems, DACs, CD player integration, analog stages and signal path refinement.

#### POWER ELECTRONICS

Class D/H high-power systems, resonant converters, SMPS diagnostics and protection circuits.

#### DIAGNOSTICS & REPAIR

Advanced fault finding, signal tracing, root cause analysis and functional testing.

#### PRECISION FABRICATION

CNC machining, laser processes, 3D technical parts and mechanical integration.

### 03 PROFESSIONAL EXPERIENCE

#### AUDIOPROBE

Senior Technician / SAT Director · Apr 2026 — Present

Diagnosis and repair of audio and lighting systems for events and touring environments.

#### GLOBALGIT

Senior Electronics Technician · Mar 2026 — Apr 2026

Diagnosis and repair of industrial communication equipment, robotics-related systems and high-power variable speed drives.

#### RAM AUDIO

Senior Technician / SAT Director · Feb 2024 — Feb 2026

Specialized in professional high-power audio amplifiers with switched-mode power supplies, Class H and Class D architectures. Collaboration with engineering to optimize designs.

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## EDUCATION & TRAINING

### MASTER IN 3D DESIGN, MODELING AND PRINTING

MasterD · 750 hours · 2021

### PIC MICROCONTROLLER DESIGN AND PROGRAMMING

Online · 100 hours

### BASIC PIC MICROCONTROLLER PROGRAMMING COURSE

Online · 300 hours · 2015

### FP2 IN ELECTRONICS AND COMMUNICATIONS

IFP Vicente Blasco Ibáñez · 1996

### TECHNICAL ENGLISH

High technical level · B2 Certificate

## TECHNICAL KEYWORDS

High-End Audio

Vacuum Tubes

TDA1541A

CD Pro2

Class D/H

Resonant Converters

PCB

CNC

Fiber Laser

3D Parts

## WEBSITE

Full technical profile, capabilities, workmanship approach and selected work:

[galebsaleh.work](http://galebsaleh.work)

## 04 PROFESSIONAL EXPERIENCE CONTINUED

### INDEPENDENT CUSTOM HIGH-END AUDIO DEVELOPMENT

Founder / Technical Developer · Aug 2015 — Feb 2024

Design and construction of custom High-End audio equipment using vacuum tube and transistor technologies, with a strong focus on circuit development, prototyping, fabrication and refinement.

### SARTE AUDIO ELITE

Specialist Technician · Nov 2002 — Aug 2015

Official service work for 70+ international High-End audio brands, including diagnosis, repair, fine adjustment, personalization and improvement of exclusive equipment.

## 05 SELECTED TECHNICAL WORK

### VACUUM TUBE DAC WITH TDA1541A

Custom stereo DAC design with vacuum tube output stages and digital signal optimization.

### CUSTOM HIGH-END CD PLAYER

Philips CD Pro2 mechanics with TDA1541A-based D/A conversion.

### CLASS D/H HIGH-POWER AUDIO

Diagnostics and repair of professional high-power audio systems.

### RESONANT POWER CONVERTERS

Power electronics diagnostics involving switching behavior and thermal stress.

### PCB PROTOTYPING & FABRICATION

From schematic and layout preparation to assembly and testing.

### CNC PANELS & LASER PROCESSES

Custom aluminum panels, chassis marking and mechanical integration.

## 06 WORKMANSHIP APPROACH

Workmanship-focused approach based on clean interconnections, suitable material selection, controlled assembly, inspection, functional testing and long-term serviceability.

Technical mindset aligned with high-reliability environments where the quality of the system depends on the circuit, materials, routing, terminations, testing and future serviceability.

### FINAL POSITIONING

This is not just an audio technician. This is a multidisciplinary electronics specialist with high-reliability workmanship thinking.