
SENIOR EMBEDDED SYSTEMS ENGINEER – CANDIDATE

EMB-A6



Profile

Embedded DSP engineer with 11 years in real-time audio/signal systems. Specializes in real-time pipelines, fixed-point DSP, and bare-metal performance tuning.

Experience

Embedded DSP Engineer, AudioCore GmbH; Hamburg, Germany — 2016–Present

Developed real-time filters and echo cancellation pipelines on TI DSPs. Optimized fixed-point operations to reduce latency by 30%.

Firmware Developer, SoundLogic AG; Kiel, Germany — 2012–2016
Ported audio codec stacks to embedded platforms. Designed I2S/SPI-based streaming drivers.

Embedded Audio Engineer, AcouSys UG; Lübeck, Germany — 2010–2012
Built RTOS scheduling framework for multi-band compression and EQ in wearable devices.

Education

Hamburg University of Technology, Hamburg — M.Sc. Embedded Signal Processing, 2010

University of Skopje, Skopje — B.Sc. Electronics, 2007

Skills

DSP, TI DSPs, I2S, Fixed-Point, Echo Cancellation, Bare-Metal, C, RTOS, Audio Firmware, SPI

Awards

TI DSP Certified Developer | Embedded DSP Optimization Workshop | Real-Time Audio Systems Specialist