



JAC Recruitment

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JAC Recruitment Malaysia

## PR/159928 | Sr. Electro Acoustic Engineer – Microphone

### Job Information

**Recruiter**

JAC Recruitment Malaysia

**Job ID**

1569636

**Industry**

Other (Manufacturing)

**Job Type**

Permanent Full-time

**Location**

Malaysia

**Salary**

Negotiable, based on experience

**Refreshed**

January 6th, 2026 04:00

### General Requirements

**Minimum Experience Level**

Over 6 years

**Career Level**

Mid Career

**Minimum English Level**

Fluent

**Minimum Japanese Level**

None

**Minimum Education Level**

Associate Degree/Diploma

**Visa Status**

No permission to work in Japan required

### Job Description

Our client is a global technology company specializing in high-performance audio and precision electronic components. Their business nature involves developing innovative, miniaturized audio and electronic solutions, from components for smartphones and hearing aids to critical parts for space exploration and defense systems, leveraging expertise in acoustics and material science. Join them and be a part of an ever-growing team!

### Job Descriptions

- Design and develop microphone system using MEMS, ASIC and PCB by engaging closely in multiple development phases through proof-of-concept / prototypes to mass production.
- Identify and innovate new or iterative products through collaboration with subject matter experts.
- Create circuit models using lumped parameter and finite element analysis, then using these models to determine the best ASIC, MEMS, and Package components to meet the design requirements.
- Lab test, debug test solutions and perform failure analysis for Microphone prototypes.

**Job Requirements**

- Bachelor's Degree (Master's or Doctorate preferred) in Electrical, or Mechanical Engineering, Material Science, Acoustics, or Physics
- Min 7 years' experience in developing electro-mechanical, electro-acoustic products.
- Experience and knowledge of hearing aids, audio or acoustic product development is strongly preferred.
- Experience designing, building, and debugging electronic systems using digital oscilloscopes, power supplies, parameter analyzer, data acquisition and other standard small signal electrical lab equipment
- Experience with National Instruments LabVIEW is preferable
- Knowledge of FEA software such as COMSOL Multiphysics and/or Ansys is good to have.

**Notice:** By submitting an application for this position, you acknowledge and consent to the disclosure of your personal information to the Privacy Policy and Terms and Conditions, for the purpose of recruitment and candidate evaluation.

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**Company Description**