

Job Notification Form, IIT Delhi

Company Overview

Name:	Miko
Website:	www.miko.ai
Company Type:	Information Technology
Description:	Miko is a Mumbai based advanced consumer robotics innovation lab passionate about bringing the best of technology to young learners everywhere and home to some of the world's leading engineers, mathematicians, teachers and psychologists. Our robots have been designed for the age group of 5-10 and the company's flagship product, Miko 2, is the first robot that uses playful, conversational learning to educate, engage and entertain kids and is best-selling in the US, UK and UAE besides India.

Job Details

Designation:	Jr. Electronics Hardware Engineer
Type:	Information Technology
Place of Posting:	Mumbai
Job Details:	<div>Responsibilities</div> <ul style="list-style-type: none">• Designing and developing hardware architecture for multiple projects• Interaction with the embedded team in new development cycles for software/hardware optimization <div>Requirements & Skills</div> <ul style="list-style-type: none">• Decent understanding of Power management systems: DC-DC/AC-DC/DC-AC Converters, Flyback Converters, SMPS, LDOs.• Knowledge of Battery charger design and Battery chemistries is a plus• Experience of Microphone and Speaker circuit design is a plus• Knowledge of hardware implementation of embedded communication protocols such as I2C, SPI, UART, CAN, USB, Ethernet• Motor driver circuit design for DC motors and sound understanding of its working principles.• Microcontroller/Microprocessor circuit design and sensor interfacing on a hardware level.• Comfortable with upto 2 layer PCB layouts along with schematic design in Altium/Eagle as well as simulation techniques for signal integrity checks.• Familiar with PCB fabrication technologies.• Interfacing of IMU (Inertial Measurement Unit), Time-of-Flight, LiDAR, IR Sensors on a hardware level is a plus• Working experience on Digital Signal Processors, ASICs, FPGA circuits is a plus.• Knowledge of EMI/EMC/ESD standards and practices is a plus
Joining By:	2 January 2022

Salary Details

CTC:	1,200,000 INR Per Annum
Gross:	700,000 INR Per Annum
CTC Breakup:	7 LPA (Fixed) + 3 LPA (Performance bonus) + 2 LPA (Patent incentive bonus)

Selection Process

Resume Shortlist:	Yes
Written Test:	Yes
Online Test:	Yes
Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	3
No. of Offers:	2

Eligibility

Recruiting PHDs:	No
Eligible Departments:	B.Tech in Biochemical Engineering & Biotechnology, B.Tech in Chemical Engineering, B.Tech in Civil Engineering, B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Engineering Physics, B.Tech in Engineering and Computational Mechanics, B.Tech in Materials Engineering, B.Tech in Mathematics & Computing, B.Tech in Mechanical Engineering, B.Tech in Production & Industrial Engineering, B.Tech in Textile Engineering, M.Tech in Applied Optics, M.Tech in Atmospheric-Oceanic Science and Technology, M.Tech in Biomedical Engineering, M.Tech in Chemical Engineering, M.Tech in Communications Engineering, M.Tech in Computer Science & Engineering, M.Tech in Computer Technology, M.Tech in Construction Engineering & Management, M.Tech in Control & Automation, M.Tech in Energy & Environment Technologies and Management, M.Tech in Energy Studies, M.Tech in Engineering Analysis & Design, M.Tech in Environmental Engineering & Management, M.Tech in Fibre Science & Technology, M.Tech in Geotechnical and Geoenvironmental Engineering, M.Tech in Industrial Engineering, M.Tech in Industrial Tribology & Maintenance Engineering, M.Tech in Instrument Technology, M.Tech in Integrated Electronics & Circuits, M.Tech in Materials Engineering, M.Tech in Mechanical Design, M.Tech in Molecular Engineering: Chemical Synthesis & Analysis, M.Tech

in Optoelectronics & Optical Communication, M.Tech in Polymer Science & Technology, M.Tech in Polymer Science and Technology, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Production Engineering, M.Tech in Radio Frequency Design & Technology, M.Tech in Rock Engineering & Underground Structures, M.Tech in Solid State Materials, M.Tech in Structure Engineering, M.Tech in Telecommunication Technology & Management, M.Tech in Textile Chemical Processing, M.Tech in Textile Engineering, M.Tech in Thermal Engineering, M.Tech in Transportation Engineering, M.Tech in VLSI Design Tools & Technology, M.Tech in Water Resources Engineering, M.S.(R) in Applied Mechanics, M.S.(R) in Biochemical Engineering and Biotechnology, M.S.(R) in Biological Sciences, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Civil Engineering, M.S.(R) in Chemical Engineering, M.S.(R) in Computer Science & Engineering, M.S.(R) in Electrical Engineering, M.S.(R) in Sensors, Instrumentation and Cyber-physical System Engineering, M.S.(R) in Automotive Research and Tribology, M.S.(R) in VLSI Design Tools and Technology, M.S.(R) in Mechanical Engineering, M.S.(R) in Materials Science and Engineering, M.S.(R) in Information Technology