The First No-Code Voice AI Platform

Supporting Arm Cortex-M Microcontrollers
Thank you for joining!

Tweet us: @ArmSoftwareDev

Check out our Arm Software Developers YouTube channel

Signup now for our next AI Virtual Tech Talk here

Attendees: don’t forget to fill out the survey to be in with a chance of winning an Arduino Nano 33 BLE board
<table>
<thead>
<tr>
<th>Date</th>
<th>Title</th>
<th>Host</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 13th</td>
<td>The First No-Code Voice AI Platform for Arm Cortex-M-based Microcontrollers</td>
<td>Picovoice</td>
</tr>
<tr>
<td>April 27th</td>
<td>Use Production Quality Tools to Build Smarter, Real-World IoT Products</td>
<td>SensiML</td>
</tr>
<tr>
<td>May 11th</td>
<td>Bringing PyTorch Models to Arm Cortex-M Processors</td>
<td>AITS</td>
</tr>
<tr>
<td>May 25th</td>
<td>Optimized C Code Generation for Ultra-efficient tinyML Applications</td>
<td>Imagimob</td>
</tr>
</tbody>
</table>
Presenters

Ali Kenarsari
CEO

Reza Rostam
Embedded Lead
What is Picovoice?

Picovoice platform empowers enterprises to create voice experiences that run entirely on-device and hence are private, reliable, and real-time unlike Alexa and Google.
Why Voice AI on MCU is hard?

1. Design the voice experience
   • Guess what the customer wants!

2. Data collection & model training
   • Data collection is expensive and time consuming
   • Start over if there are changes to the initial design

3. Choose a Hardware
   • Is this powerful enough to run the trained model in real-time?

4. Build a prototype
   • Does the customer like the voice experience?
How Picovoice Helps?

1. Design, train, and test models instantly using Picovoice Console
   • Reduce risk and shorten time-to-market
   • Focus on user experience
2. Deploy to target within minutes using Picovoice Shepherd
   • Remain Hardware agnostic
3. Get customer feedback
   • Create internal and external alignment without wasting resources
4. Build with confidence
   • Use open-source reference designs to build on your own terms
Start Building!

https://picovoice.ai/docs/
Thank you for joining!

Tweet us: @ArmSoftwareDev

Check out our Arm Software Developers YouTube channel

Signup now for our next AI Virtual Tech Talk here

Attendees: don’t forget to fill out the survey to be in with a chance of winning an Arduino Nano 33 BLE board
Thank You
Danke
Merci
谢谢
ありがとうございます
Gracias
Kiitos
감사합니다
धन्यवाद
شكرًا
תודה