

# PNGtuber Robot Avatar - Image Generation Prompts

## Base Character Design Prompt

### Robot Foundation (Generate First)

"Friendly educational robot avatar, bust view (chest up), simple geometric design inspired by Bender from Futurama but more approachable, metallic silver/gray body with blue accent lights, large expressive LED eyes, no mouth, antenna on head, clean vector art style, flat colors with subtle gradients, transparent background, facing directly forward, symmetrical design, suitable for educational content, 1024x1024px"

#### Style modifiers to add:

- ", studio lighting, professional illustration"
- ", minimalist design, tech company mascot style"
- ", Pixar-inspired but simplified"

#### Layer Registration Note:

- "Ensure centered alignment with top edge margin of 64px and bottom cut aligned to shoulder curve, suitable for overlay registration."

#### Art Consistency Note:

- "Use same lighting direction, stroke weight, and geometry proportions as 'robot\_base.png' for seamless integration."

## Individual Expression Components

### 1. Eye Variations (Generate Separately)

Generate each as transparent PNG overlay that can be swapped:

#### Neutral Eyes

"Pair of circular LED robot eyes, bright blue glow, simple circle design with white center dot, transparent background, PNG format, flat design, 512x256px"

#### Happy Eyes

"Pair of upward curved crescent LED robot eyes, bright green glow, cheerful expression, like smiling eyes, transparent background, PNG format, flat design, 512x256px"

### **Thinking/Processing Eyes**

"Pair of robot eyes with loading spinner animation appearance, orange glow, dots arranged in circle suggesting processing, transparent background, PNG format, flat design, 512x256px"

### **Confused/Error Eyes**

"Pair of robot eyes showing question marks, red glow, digital display style, concerned expression, transparent background, PNG format, flat design, 512x256px"

### **Success/Eureka Eyes**

"Pair of star-shaped LED robot eyes, bright yellow glow, excited expression, achievement indicated, transparent background, PNG format, flat design, 512x256px"

### **Blinking Eyes** *(optional for animation)*

"Pair of robot eyes half-closed in a blink, LED glow dimmed, consistent with 'eyes\_neutral.png', transparent background"

## **2. Chest Display Variations**

For the robot's chest panel screen:

### **Neutral Display**

"Small rectangular screen display showing simple waveform pattern, blue-green glow, retro computer terminal style, transparent background except screen area, PNG format, 256x128px"

### **Active Coding Display**

"Small rectangular screen showing scrolling code symbols, matrix-style green text effect, simple representation, transparent background except screen area, PNG format, 256x128px"

### **Error Display**

"Small rectangular screen showing red error symbol or X mark, warning indicator, simple icon style, transparent background except screen area, PNG format, 256x128px"

### **Success Display**

"Small rectangular screen showing green checkmark, success indicator, simple icon style, transparent background except screen area, PNG format, 256x128px"

### **Talking Display** *(optional for animation)*

"Chest display pulsing waveform, animated look, bright blue pulses like a voice visualizer, PNG format"

## **3. Antenna Positions**

For subtle movement variety:

### **Standard Antenna**

"Simple robot antenna, thin metal rod with small sphere on top, slight blue LED glow at tip, straight upright position, transparent background, PNG format, 128x256px"

### **Alert Antenna**

"Simple robot antenna, thin metal rod with small sphere on top, bright red LED glow at tip, exclamation mark effect, transparent background, PNG format, 128x256px"

### **Thinking Antenna**

"Simple robot antenna, thin metal rod with small sphere on top, pulsing yellow LED glow at tip, slightly tilted as if pondering, transparent background, PNG format, 128x256px"

## 4. Optional Accessories

For programming language-specific streams:

### Python Accent

"Small python snake symbol as badge/sticker on robot's chest corner, minimalist design, green and yellow colors, flat design, transparent background, 128x128px"

### JavaScript Accent

"Small coffee cup icon as badge on robot's shoulder, suggesting JavaScript development, simple flat design, brown and cream colors, transparent background, 128x128px"

### Debug Mode Accent

"Small magnifying glass with bug icon as temporary attachment to robot's head side, debugging theme, flat design, transparent background, 128x128px"

## Assembly Instructions

### Layer Organization

1. **Base Layer:** Robot body (never changes)
2. **Eye Layer:** Swap between eye variations
3. **Display Layer:** Chest screen variations
4. **Antenna Layer:** Different antenna states
5. **Accent Layer:** Optional programming-specific badges

### Recommended Expression Combinations

- **Neutral:** Standard eyes + waveform display + standard antenna
- **Thinking:** Processing eyes + code display + thinking antenna
- **Error:** Confused eyes + error display + alert antenna
- **Success:** Star eyes + checkmark display + standard antenna
- **Explaining:** Happy eyes + code display + standard antenna

## Generation Tips

### For Midjourney

Add these parameters:

- `--no mouth, organic shapes, complex details`
- `--ar 1:1` for square format
- `--style raw` for consistent results
- `--v 6` for best quality

### For Stable Diffusion

- Use negative prompts: "mouth, lips, complex background, realistic, photographic"
- Set CFG scale to 7-12 for style consistency
- Use "vector art" or "flat design" in prompts

### For DALL-E 3

- Emphasize "transparent background" multiple times
- Add "PNG format with transparency" to ensure proper output
- Include "simple geometric shapes" for consistency

## File Naming Convention

```
robot_base.png
eyes_neutral.png
eyes_happy.png
eyes_thinking.png
eyes_confused.png
eyes_success.png
eyes_blink.png
display_neutral.png
display_coding.png
display_error.png
display_success.png
display_talking.png
antenna_standard.png
antenna_alert.png
antenna_thinking.png
accent_python.png
accent_javascript.png
accent_debug.png
```

## Post-Generation Checklist

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## Optional Add-On

### Composite Reference Prompt (for artist handoff or rigging):

"Generate a flat design PNGTuber robot avatar reference sheet showing: front view bust, eye options, antenna states, chest displays, and accessory placements. Label each section. Style matches tech company mascot, educational setting, clean vector design."