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// server.js - Figurine Maker API Proxy
// Keeps your Replicate key 100% hidden from users

const express = require('express');
const cors    = require('cors');
const app     = express();

app.use(cors({ origin: '*' }));
app.use(express.json({ limit: '25mb' }));

const REPLICATE_KEY = process.env.REPLICATE_KEY;
if (!REPLICATE_KEY) {
  console.error('Set REPLICATE_KEY in Railway environment variables');
  process.exit(1);
}

app.get('/', (req, res) => res.json({ status: 'Figurine Maker API running' }));

app.post('/generate', async (req, res) => {
  try {
    const { imageBase64, prompt } = req.body;
    if (!imageBase64 || !prompt) return res.status(400).json({ error: 'Missing fi

    const response = await fetch('https://api.replicate.com/v1/predictions', {
      method: 'POST',
      headers: { 'Authorization': `Token ${REPLICATE_KEY}`, 'Content-Type': 'appl
      body: JSON.stringify({
        version: '7762fd07cf82c948538e41f63f77d685e02b063e37e496241f10f44e4d6b542
        input: {
          image: imageBase64,
          prompt: prompt,
          negative_prompt: 'blurry, low quality, extra limbs, bad anatomy, text,
          prompt_strength: 0.80,
          num_inference_steps: 40,
          guidance_scale: 7.5,
          scheduler: 'K_EULER',
          num_outputs: 1,
          refine: 'expert_ensemble_refiner',
          high_noise_frac: 0.80,
        }
      })
    });
  });

  const data = await response.json();

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if (!response.ok) return res.status(response.status).json({ error: data.detail });
res.json({ id: data.id });

} catch (err) {
  res.status(500).json({ error: err.message });
}
});

app.get('/result/:id', async (req, res) => {
try {
  const response = await fetch(`https://api.replicate.com/v1/predictions/${req.headers: { 'Authorization': `Token ${REPLICATE_KEY}` }}`);
  const data = await response.json();
  res.json({
    status: data.status,
    imageUrl: data.status === 'succeeded' ? (Array.isArray(data.output) ? data.output[0].url : data.output.url),
    error: data.error || null
  });
} catch (err) {
  res.status(500).json({ error: err.message });
}
});

const PORT = process.env.PORT || 3000;
app.listen(PORT, () => console.log(`Figurine Maker API on port ${PORT}`));
```