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// =====
```

```
// GenIA™ Backend Server - by Claude
```

```
// Pentru Raluca - Railway Deployment
```

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// =====
```

```
const express = require('express');
```

```
const cors = require('cors');
```

```
const app = express();
```

```
const PORT = process.env.PORT || 3000;
```

```
// CORS - permite toate site-urile
```

```
app.use(cors());
```

```
app.use(express.json());
```

```
// Health check endpoint
```

```
app.get('/', (req, res) => {
```

```
  res.json({
```

```
    status: 'online',
```

```
    message: 'GenIA™ Backend Server - Running ✓',
```

```
    timestamp: new Date().toISOString()
```

```
  });
```

```
});
```

```
// Endpoint principal pentru chat
```

```
app.post('/api/chat', async (req, res) => {

  try {

    const { messages, system } = req.body;

    // Verifică dacă există cheia API în environment

    const CLAUDE_API_KEY = process.env.CLAUDE_API_KEY;

    if (!CLAUDE_API_KEY) {

      return res.status(500).json({

        error: 'Server configuration error',

        message: 'Claude API key not configured on server'

      });

    }

    // Verifică dacă avem mesaje

    if (!messages || !Array.isArray(messages)) {

      return res.status(400).json({

        error: 'Invalid request',

        message: 'Messages array is required'

      });

    }

    // Call către Claude API

    const response = await fetch('https://api.anthropic.com/v1/messages', {

      method: 'POST',

      headers: {

        'Content-Type': 'application/json',
```

```
    'x-api-key': CLAUDE_API_KEY,  
    'anthropic-version': '2023-06-01'  
  },  
  body: JSON.stringify({  
    model: 'claude-sonnet-4-20250514',  
    max_tokens: 1500,  
    system: system || 'You are a helpful assistant.',  
    messages: messages  
  })  
});
```

```
if (!response.ok) {  
  const errorData = await response.text();  
  console.error('Claude API Error:', errorData);  
  return res.status(response.status).json({  
    error: 'Claude API error',  
    message: 'Failed to get response from Claude',  
    details: errorData  
  });  
}
```

```
const data = await response.json();  
res.json(data);
```

```
} catch (error) {  
  console.error('Server Error:', error);  
  res.status(500).json({
```

```
    error: 'Internal server error',  
    message: error.message  
  });  
}  
});  
  
// Start server  
  
app.listen(PORT, () => {  
  console.log(`🚀 GenIA™ Backend Server running on port ${PORT}`);  
  console.log(`🟡 Health check: http://localhost:${PORT}/`);  
  console.log(`🟡 Chat endpoint: http://localhost:${PORT}/api/chat`);  
  console.log(`✅ CORS enabled for all origins`);  
  console.log(`🔑 API Key configured: ${process.env.CLAUDE_API_KEY ? 'YES ✓' : 'NO ✗'}`);  
});
```