

Claude AI

Step-by-Step Token Generation

1. Create Anthropic Account

- Visit console.anthropic.com
- Click "**Sign Up**" or "**Get Started**"
- Complete registration with email verification
- Log into the Anthropic Console dashboard

2. Access API Keys Section

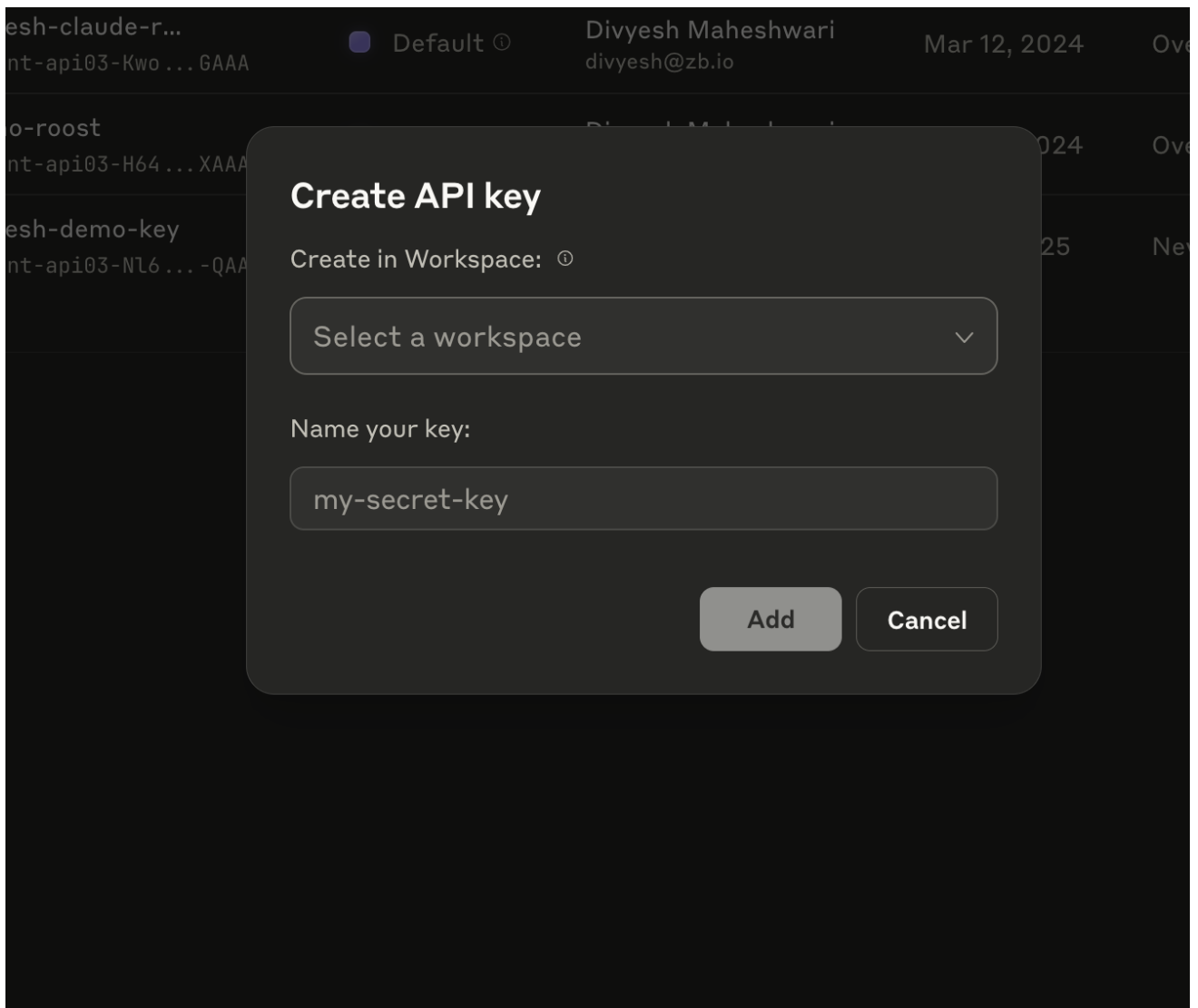
- Navigate to "**API keys**" in the left sidebar

3. Create New API Key

- Click the "**Create API key**" button (or similar)
- A dialog box will appear with two simple fields:

4. Configure Key Settings

- **Create in Workspace:** Select your workspace from dropdown
 - Choose "Default" or your specific workspace
- **Name your key:** Enter descriptive name
 - Example: "RoostGPT-Production", "Testing-Environment", etc.



- Click "**Add**" button

5. Secure Key Storage

- **Copy immediately:** The full API key will be displayed once
- The key will start with `sk-ant-api03-` format

Anthropic Claude Recommended Models for RoostGPT Integration

Claude Sonnet 4 (Primary Recommended)

- **Model Name:** `claude-sonnet-4-20250514`
- **Context Window:** 200K tokens (1M tokens available with beta header)
- **Max Output:** 64,000 tokens
- **Latency:** Fast
- **Training Data:** March 2025
- **Pricing:** \$3/1M input tokens, \$15/1M output tokens
- **Best For: Primary choice** for all RoostGPT tasks - optimal balance of performance, speed, and cost
- **Key Features:**
 - High intelligence with balanced performance
 - Extended thinking capabilities for complex reasoning
 - Multimodal support (text and vision)
 - Large output capacity ideal for comprehensive code generation
 - Fast response times suitable for interactive development

Claude Opus 4.1 (Premium Alternative)

- **Model Name:** `claude-opus-4-1-20250805`
- **Context Window:** 200K tokens
- **Max Output:** 32,000 tokens
- **Latency:** Moderately Fast
- **Training Data:** March 2025
- **Pricing:** \$15/1M input tokens, \$75/1M output tokens
- **Best For:** Most demanding tasks requiring highest intelligence
- **Key Features:**
 - Highest level of intelligence and capability
 - Most advanced extended thinking capabilities
 - Superior performance on complex engineering problems
 - Latest training data (most recent model)
 - Best choice for critical analysis and complex debugging

Claude Haiku 3.5 (Speed & Cost Optimized)

- **Model Name:** `claude-3-5-haiku-20241022`
- **Context Window:** 200K tokens
- **Max Output:** 8,192 tokens

- **Latency:** Fastest
 - **Training Data:** July 2024
 - **Pricing:** \$0.25/1M input tokens, \$1.25/1M output tokens
 - **Best For:** High-volume, speed-critical tasks
 - **Key Features:**
 - Fastest response times in the Claude family
 - Intelligence at blazing speeds
 - Most cost-effective for bulk operations
 - Multimodal capabilities maintained
 - No extended thinking (optimized for speed)
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Revision #2

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