

RoostGPT AI Keys Requirements

AI Configuration Keys

This document provides the required environment variables for configuring different AI providers.

1. OpenAI Configuration

Required Environment Variables

| Variable Name | Required | Description |
|-------------------------------|----------|---------------------|
| <code>OPENAI_API_KEY</code> | Yes | Your OpenAI API key |
| <code>OPENAI_API_MODEL</code> | Yes | Model to use |

Configuration Example

```
OPENAI_API_KEY=sk-proj-xxxxxxxxxxxxxxxxxxxxxx  
OPENAI_API_MODEL=gpt-4o
```

2. Google Gemini Configuration

Required Environment Variables

| Variable Name | Required | Description |
|----------------|----------|---|
| GEMINI_API_KEY | Yes | Your Google AI Studio API key for accessing Gemini models |
| GEMINI_MODEL | Yes | Gemini model to use. Options: <code>gemini-pro</code> , <code>gemini-pro-vision</code> , <code>gemini-ultra</code> , etc. |

Configuration Example

```
GEMINI_API_KEY=AlzaSyxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
GEMINI_MODEL=gemini-pro
```

3. AWS Bedrock Configuration

Required Environment Variables

| Variable Name | Required | Description |
|-----------------------|----------|--|
| AWS_BEDROCK_MODEL | Yes | Model ID to use. Examples: <code>anthropic.claude-v2</code> , <code>anthropic.claude-3-sonnet-20240229-v1:0</code> , <code>amazon.titan-text-express-v1</code> |
| AWS_DEFAULT_REGION | Yes | AWS region where Bedrock is available. Examples: <code>us-east-1</code> , <code>us-west-2</code> , <code>eu-west-1</code> |
| AWS_ACCESS_KEY_ID | Yes | AWS access key ID for authentication |
| AWS_SECRET_ACCESS_KEY | Yes | AWS secret access key for authentication |

Configuration Example

```
AWS_BEDROCK_MODEL=anthropic.claude-3-sonnet-20240229-v1:0
AWS_DEFAULT_REGION=us-east-1
AWS_ACCESS_KEY_ID=AKIAIOSFODNN7EXAMPLE
AWS_SECRET_ACCESS_KEY=wjlrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY
```

Important Notes

- Model availability varies by region. Check AWS Bedrock documentation for supported models in your region.
- You may need to request model access through the AWS Bedrock console before using certain models.
- Ensure your IAM user has necessary permissions for `bedrock:InvokeModel` action.

4. Claude AI Configuration

Required Environment Variables

| Variable Name | Required | Description |
|--------------------------------|----------|---|
| <code>CLAUDE_AI_API_KEY</code> | Yes | Your Anthropic API key for accessing Claude models |
| <code>CLAUDE_AI_MODEL</code> | Yes | Claude model to use. Examples: <code>claude-3-opus-20240229</code> , <code>claude-3-sonnet-20240229</code> , <code>claude-3-haiku-20240307</code> , <code>claude-2.1</code> , <code>claude-2.0</code> |

Configuration Example

```
CLAUDE_AI_API_KEY=sk-ant-api03-xxxxxxxxxxxxxxxxxxxxxxxxxxxxx  
CLAUDE_AI_MODEL=claude-3-sonnet-20240229
```

5. Azure OpenAI Configuration

Required Environment Variables

| Variable Name | Required | Description |
|------------------------------------|----------|---|
| <code>AZURE_OPENAI_ENDPOINT</code> | Yes | Your Azure OpenAI resource endpoint URL (e.g., <code>https://your-resource.openai.azure.com/</code>) |

| Variable Name | Required | Description |
|------------------------------------|----------|--|
| <code>AZURE_DEPLOYMENT_NAME</code> | Yes | Name of your deployed model in Azure OpenAI Studio (e.g., <code>gpt-4-deployment</code> , <code>gpt-35-turbo-deployment</code>) |
| <code>AZURE_OPENAI_KEY</code> | Yes | API key for your Azure OpenAI resource (Key 1 or Key 2 from Azure portal) |

Configuration Example

```
AZURE_OPENAI_ENDPOINT=https://your-resource-name.openai.azure.com/  
AZURE_DEPLOYMENT_NAME=gpt-4-deployment  
AZURE_OPENAI_KEY=1234567890abcdef1234567890abcdef
```

Important Notes

- Azure OpenAI requires approval. Apply for access if you haven't already.
- Model availability varies by region. Choose your region based on available models.
- Deployment names are custom - you choose them when deploying models in Azure OpenAI Studio.
- The endpoint URL should end with a trailing slash (/).

Revision #1

Created 24 November 2025 04:26:59 by Divyesh

Updated 24 November 2025 04:32:15 by Divyesh