Deployment Guide

# 1. Azure VM Setup

Provision Ubuntu 20.04 VM (B2s Free Tier) on Azure and install Node.js, npm, Python3, Flask, and Docker.

# 2. Backend Setup

Run the following commands:

cd backend  
python3 -m venv venv  
source venv/bin/activate  
pip install -r ../requirements.txt  
python app.py

# 3. Frontend Setup

cd frontend  
npm install  
npm start

# 4. API Integration

Configure API keys for Windsurf and Builder.io in the scripts folder.

# 5. Azure DevOps Pipeline

Set up a YAML pipeline using the provided azure-pipeline.yml file.