

■ ChatCal.ai

AI-Powered Scheduling Assistant for Peter Michael Gits

■ CORE FEATURES

Natural Language Processing	Smart Contact Collection
• "Book 15 mins with Peter"	• Name + Email OR Phone required
• "Tomorrow at 2pm works"	• Flexible requirements
	• Peter's contact always available
Intelligent Time Management	Multi-Format Meeting Support
• Real-time availability	• Business consultations (60 min)
• Conflict detection	• Quick discussions (30 min)
• Auto-scheduling	• Project meetings (60 min)
	• Advisory sessions (90 min)

■ GOOGLE MEET INTEGRATION

- Automatic Video Conference Creation
- Detects: "Google Meet", "video call", "online meeting"
- Real Google Meet links generated automatically
- Works with all meeting types

Example Request:

"Hi, I need a Google Meet call with Peter tomorrow at 3pm"

Result: ■ Meeting scheduled ■ Google Meet link: meet.google.com/abc-def-ghi

■ EMAIL SYSTEM

Dual Email Invitations	Rich Calendar Attachments
• Sent to both Peter & user	• .ics calendar files

• Professional HTML templates	• Google Meet links included
• Automatic after booking	• Complete meeting details
Smart Email Collection	Branded Communication
• "Want email invitation?"	• ChatCal.ai branding
• Optional but encouraged	• Professional formatting

■ AI CAPABILITIES

Claude Sonnet 4 Integration	Context-Aware Conversations
• Latest Anthropic AI model	• Remembers user details
• Advanced reasoning	• Maintains conversation flow
• Professional responses	• Handles complex requests
Information Extraction	Intelligent Error Handling
• Names from "This is Betty"	• Graceful conflict resolution
• Phone: "call me at 555..."	• Alternative time suggestions
• Complex multi-part requests	• User-friendly error messages

■ SETUP GUIDE

1■■ Prerequisites

- Python 3.9+
- Google Cloud Project
- Anthropic API key

2■■ Google Calendar Setup

- Enable Google Calendar API
- Create OAuth2 credentials
- Run: `python3 complete_oauth.py`

3■■ Environment Configuration

- Copy `.env.example` to `.env`
- Add `ANTHROPIC_API_KEY=your_key_here`

- Add GOOGLE_CALENDAR_ID=your_email@gmail.com

4 ■ ■ Dependencies & Launch

- pip install -r requirements.txt
- python3 -m uvicorn app.api.main:app --reload
- Visit: <http://localhost:8000/simple-chat>

■ USAGE EXAMPLES

User: "Book 15 minutes with Peter, this is Betty, have him call me at 630 880 5488 Friday, please show me available morning times"

ChatCal: ■ Name: Betty ■ Phone: 630-880-5488
"Here are Friday morning slots: 9:00 AM, 10:30 AM, 11:00 AM"

User: "I need a Google Meet with Peter Wednesday at 2pm for an hour"

ChatCal: ■ Meeting booked ■ Google Meet: meet.google.com/xyz-abc-123
■ Email invitations sent to both parties

■ TECHNICAL ARCHITECTURE

Backend	Frontend
• FastAPI REST API	• Simple HTML/JS chat interface
• Redis session management	• Real-time messaging
• Google Calendar API	• Mobile-responsive design
• SMTP email service	• Clean, professional UI
AI & Integration	Deployment
• LlamaIndex ReActAgent	• Docker containerization
• Anthropic Claude Sonnet 4	• Environment-based config
• Google OAuth2 authentication	• Production-ready setup

Built with ♥ ■ using Claude Sonnet 4, Google Calendar API, and modern Python