

# BeFriends: Event Recommendation Platform

Discover local events with a friendly chatbot. This presentation follows a typical user journey and highlights the software's architecture and development process.

# Welcome: The EventBot Home Screen

## EventMate

Your local event concierge and friend

 Hi! I'm EventMate, your friendly companion for discovering fun things to do. What are you in the mood for? Try one of these or ask me anything!

Find something fun tonight!

Surprise me with an event!

Best free events nearby

Family or kids activities

Meet new people

Ask me anything about events, concerts, or activities...

Send

### Recommended for you

#### PDC Swiss Darts Trophy

Fri, 26 Sep 2025 20:25 • St. Jakobshalle, Basel Basel

Sport / Wettbewerb 30.0-80.0 CHF

No description available.

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#### Lisette Spinnler Quintet – Roche 'n' Jazz

Fri, 26 Sep 2025 16:00 • Museum Tinguely, Basel Basel

Jazz Konzert 15.0-20.0 CHF

No description available.

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#### Esteriore Brothers Live

Tue, 23 Sep 2025 20:00 • Stadtcasino Basel Basel

Pop Konzert 40.0-90.0 CHF

No description available.

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Welcome: The EventBot Home Screen

# User asks for event suggestions

**EventMate** 

Your local event concierge and friend

You

What's happening tonight?

21:25



EventMate is thinking



Ask me anything about events, concerts, or activities...

Send

User asks for event suggestions

# **EventBot suggests events based on user profile**

**EventMate** Your local event concierge and friend

You

What's happening tonight? 21:25

EventMate

Tonight in Basel, there are a few events happening that you might enjoy:

1. Salsa Night at Sabor Latino - A fun evening of dancing salsa with fellow enthusiasts at Sabor Latino dance studio.
2. Open Mic Night at The Bird's Nest - Enjoy live music and performances at this cozy venue.
3. Sunset Kayaking on the Rhine - Experience the beauty of the Rhine at sunset with a guided kayaking tour.
4. Dog-friendly Happy Hour at Paws & Pints - Bring your furry friend and mingle with other dog lovers at this pet-friendly gathering.

Let me know if any of these events interest you, or if you'd like more details on any of them!

Ask me anything about events, concerts, or activities... Send

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Tue, 23 Sep 2025 20:00 • Stadtcasino Basel Basel  
Pop Konzert 40.0-90.0 CHF  
No description available.

EventBot suggests events based on user profile

## User continues the conversation

You

more events this week?



21:26

EventMate

Here are some more events happening in Basel this week that you might find interesting:

**1. PDC Swiss Darts Trophy**

- **Date:** September 26th, 2025
- **Time:** 20:25
- **Location:** St. Jakobshalle, Basel
- **Price:** CHF 30.00 - 80.00
- **Organizer:** PDC Europe
- **Instagram:** @officialpdc
- **Description:** Exciting darts competition for sports fans and spectators.

**2. Lisette Spinnler Quintet – Roche 'n' Jazz**

- **Date:** September 26th, 2025
- **Time:** 16:00
- **Location:** Museum Tinguely, Basel
- **Price:** CHF 15.00 - 20.00
- **Organizer:** Museum Tinguely
- **Instagram:** @museumtinguely
- **Description:** Jazz concert featuring the Lisette Spinnler Quintet.

**3. Esteriore Brothers Live**

- **Date:** September 23rd, 2025

User continues the conversation

# **EventBot recommends a specific event**

## Recommended for you

### PDC Swiss Darts Trophy

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Sport / Wettbewerb

30.0-80.0 CHF

No description available.

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## **Event details with Instagram link**



officialpdc ✅

Folgen

Nachricht senden

...

13.379 Beiträge

936.000 Follower

333 Gefolgt

Professional Darts Corporation

@ officialpdc

Official Instagram of the Professional Darts Corporation. #Darts  
Mascalls, Mascalls Lane, Brentwood, UK CM14 5LJ  
[linktr.ee/officialpdc](https://linktr.ee/officialpdc)



2025 WSODF



2025 WSOD



2025 W WM



2025 WM



2025 HYDE ...



2025 WCOD



2025 PL



PRINGER WINS IN  
BUDAPEST! 🇭🇺 🏆



Event details with Instagram link

# How GitHub Copilot Boosted Productivity

GitHub Copilot was a game-changer in this project. It accelerated UI and logic improvements, helped me iterate faster, and provided high-quality code suggestions. Here is the story of how Copilot transformed the event card UI:

# Copilot Productivity in Action



## Tanz in den Mai Freiburg

2026-04-30 • Innenstadt Freiburg

Party / Tanz / Mai-Fest

Party / Tanz / Mai-Fest 10-20 €

[View & Book](#)



</div>



## Basel Marathon Expo

2026-04-13 • Messeplatz Basel

Sportmesse / Marathon Rahmenprogramm

Sportmesse / Marathon Rahmenprogramm kostenlos

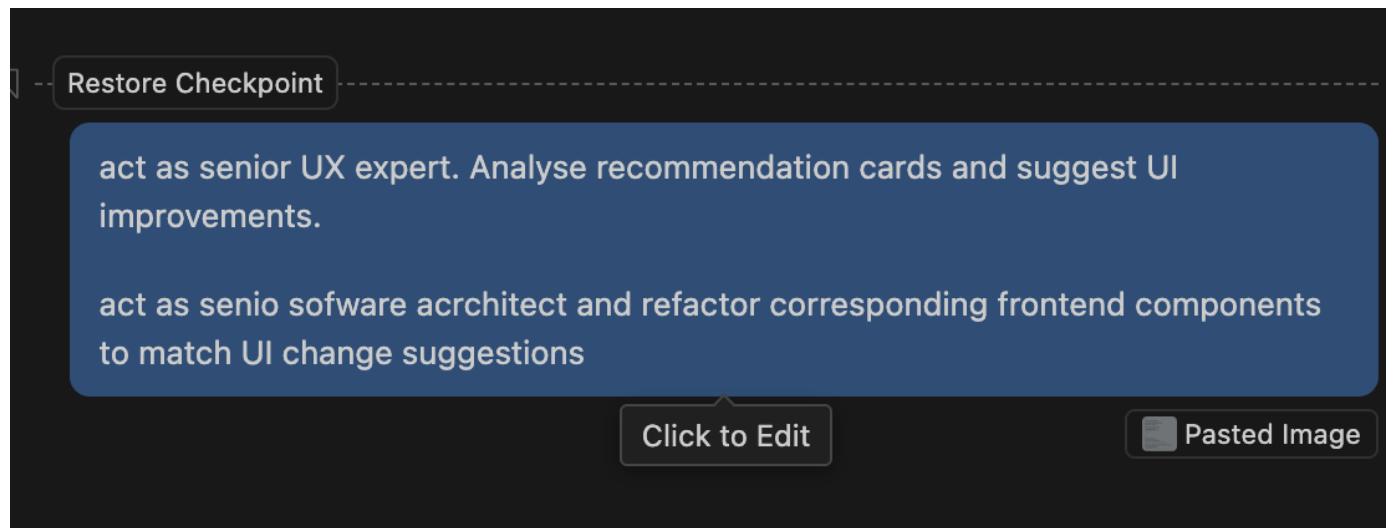
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Before Copilot: The original event card UI was functional but basic.

# Copilot Productivity in Action



Using GitHub Copilot: I prompted Copilot to suggest improvements for the event card UI.

# Copilot Productivity in Action

## Senior Software Architect: Refactor Plan

- Create a dedicated `render_event_card(event)` function/component in your UI code.
- Use Streamlit's `st.markdown` with custom HTML/CSS for the card, or use Streamlit's container/column layout for structure.
- Add a new CSS class `.event-card` for the card container, with background, border-radius, shadow, and margin.
- Refactor the recommendations rendering loop to use this card component for each event.
- Remove any leftover or broken HTML tags in the event rendering logic.

### Next step:

I will implement these improvements by creating a new `.event-card` CSS class and refactoring the event card rendering logic.

```
> Searched for files matching **/components/ui.py, 2 matches
> Searched text for def render_event_recommendationsdef render_event (**/components/ui.py), 2 results
✓ Summarized conversation history
✓ Read ui.py, lines 1 to 61
✓ Read # eventbot.css, lines 1 to 61
✓ Read ui.py, lines 62 to 122
✓ Read ui.py, lines 123 to 182
# eventbot.css
ui.py +5 -5
✓ Checked ui.py, no problems found
```

The event recommendation card rendering has been refactored for a cleaner, more modern look and improved UX. The new `.event-card` CSS and card structure are now in place. There are no errors in `ui.py`.

You can now review the updated event cards in your Streamlit app. Let me know if you want further tweaks or additional UI improvements!

Copilot Response: Copilot provided actionable suggestions and code for a more modern, user-friendly card.

# Copilot Productivity in Action

This slide is intentionally blank to demonstrate how Copilot can generate content for you.

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# Software Architecture Overview

The platform uses a modular Python backend (FastAPI), a modern Streamlit frontend, and a robust event ingestion pipeline. Key components: Streamlit UI, UI Components, Recommendation/Search Service, Catalog Repository, ResponseFormatter, Chatbot Client, Domain Models, Config. See README and architecture docs for details.