

**Project Title:** Flavour Fusion: AI-Driven Recipe Blogging

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**Batch:** 2026 B.Tech Computer Science Engineering (Cyber Security)

**Description:** Flavour Fusion is a web application that leverages **Google's Gemini 2.5 Flash** to autonomously generate high-quality recipe blogs. Users provide a culinary topic and a word count, and the system produces a structured post including ingredients, prep times, and step-by-step instructions.

**Key Technical Features:**

**AI Integration:** Utilizes Gemini 2.5 Flash for professional content generation.

**User Experience:** Features an asynchronous loading state with programmer jokes to keep users engaged.

**Utility:** Native clipboard copying and FPDF-powered PDF downloads.

**Infrastructure:** Fully containerized using a virtual environment (venv) and deployed via Streamlit Community Cloud.