ANURAG **KOMARAGIRI**

Ann Arbor, MI 48105 | (248) 234-2027 | anurag.s.kom@gmail.com | **WWW:** github.com/anuragsk05 | linkedin.com/in/anurag-komaragiri/

Education

Bachelor of Science: **Computer Science, Minor in Music and Entrepreneurship**   **Expected in 05/2027**
University of Michigan   Ann Arbor, MI

- GPA: 3.4
- Extracurricular Activities: Michigan Sahana (Music Chair), Shift Creator Space (Mentee)
- Relevant Coursework: Data Structures & Algorithms, Web Systems, Discrete Math, Computer Science Pragmatics, UI/UX Design, Database Management Systems

Skills

- Languages: Python, C++, C, JavaScript, SQL, HTML
- Frameworks: Flask, ReactJS, REST API, Jinja2

- Tools & cloud: AWS, Google Cloud (BigQuery, Cloud Run), MongoDB, SQLite
- AI/ML: OpenAI API, Gemini API, RAG architectures, Google ADK

Experience

Software Engineer   **06/2025 to Current**
Ask Sai Vidya

- **Company Overview:** A non-commercial startup that uses LLMs to help users explore spiritual literature, with over 3,000 users.
- Shipped chat-saving and account features using Auth0 and MongoDB, increasing account creation by 40%.
- Designed sidebar UI for seamless navigation of OpenAI-powered discourse suggestions on Flask backend, boosting user engagement with recommended literature by 15%.
- Contributed to core UI components, improving usability and clarity in discourse browser and user profile.
- Co-led product pitch to Sathya Sai International Organization's USA national team, securing crucial resources.

Software Engineer Intern   **05/2025 to 08/2025**
Miracle Software Systems   Novi, Michigan

- **Company Overview:** International software consultancy specializing in AI, cloud computing, and data analytics.
- Developed conversational AI assistant utilizing Gemini's API, enhancing client navigation and engagement on company website by 20%
- Designed and implemented a Retrieval-Augmented Generation system using Google Cloud Platform and BigQuery, enabling more effective LLM access to enhance website data management.
- Expanded full-stack expertise through contributions to various projects using FastAPI, Gemini, and SQLite, leading to improved project delivery and team collaboration.
- Acquired proficiency in deploying cloud services and managing API integrations, keeping the company current with the latest cloud technologies.

Projects

Instagram Clone

- Created an end-to-end Instagram-like web app using Flask for backend purposes and React for an interactive UI.
- Developed and optimized an SQL database, utilizing efficient SQL queries to enable API calls.
- Implemented infinite scrolling for seamless pagination and enabled live liking and commenting.
- Deployed the application on AWS, ensuring accessibility.

YouTube Summarization Tool – *https://youtube-summarizer-254865994400.us-central1.run.app/*

- Created a YouTube summarization tool using Gemini's multimodal capabilities.
- Programmed backend using the latest Gemini models, performing model evaluations.
- Supported custom prompting, allowing users to personalize the summaries and select their preferred generation model.
- Deployed on Google Cloud using Flask and Cloud Run, enabling scalable public access.

Piazza Post Classifier

- Developed a Naïve Bayes classifier in C++ to categorize Piazza discussion posts based on textual content.
- Utilized file streams to efficiently parse and extract training data from CSV files.
- Implemented log-probability calculations for prior probabilities and word likelihoods to classify posts.
- Used maps, sets, and vectors for efficient storage of words, labels, and conditional probabilities.
- Achieved automatic accuracy evaluation by comparing predicted vs. actual post labels.