

Anuraag Kolli

(214) 641-6065 | anukolli05@gmail.com | [linkedin.com/in/anuraag-kolli](https://www.linkedin.com/in/anuraag-kolli) | <https://github.com/anuraagkolli>

EDUCATION

Purdue University

B.S. Artificial Intelligence & Computer Science, GPA: 3.70

Clubs/Organizations: The Anvil, SCALE, Purdue Hackers, ML @Purdue, USB, Photography Club

West Lafayette, IN

Expected Graduation: May 2026

TECHNICAL SKILLS

Languages/Libraries: Python, Java, Javascript, React, HTML, CSS, Flask, Machine Learning, Numpy, TensorFlow

Developer Tools: Git, Flask, Firebase, MongoDB, VS Code, PyCharm, IntelliJ, Eclipse, Qiskit

EXPERIENCE

Quantum Developer / Researcher

Ingenii (Data Mine Corporate Partners @ Purdue)

August 2023 – May 2024

West Lafayette, IN

- Created a Quantum powered UNet, combining AI and Quantum algorithms to improve breast cancer detection
- Implementing Quantum Filters and Tensor Decomposition to optimize model efficiency and performance

Data Analytics Intern

Ericsson

June 2022 – August 2022

Dallas, TX

- Utilized SQL and Tableau to design and implement interactive dashboards, enhancing data interpretation and delivering real-time insights for the Performance and Transformation Team
- Employed Python and data manipulation libraries to extract project data, automating workflows and streamlining reporting processes for increased efficiency in future projects

Machine Learning Intern

Dallas Data Science Academy

June 2021 – October 2021

Dallas, TX

- Completed a Data Science/ML certification through IBM
- Designed a multifaceted stock prediction program for clients on Google Collaboratory using python and ML

PROJECTS

Explorer.AI | *Python, JavaScript, Flask, Database*

September 2023 – Present

- Developed a full-stack application that used ShellGPT API to create a personalized, detailed travel itinerary depending on various parameters
- Utilized React, Node, Tailwind CSS, HTML on the front-end to craft an interactive, user friendly web application
- Implemented Flask, Rest API, SupaBase to efficiently create and connect the Python-based back-end to the front-end

Shanti Mental Health AI | *React Native, Python, MongoDB, NLP*

January 2024 – Present

- Created full-stack mobile app for tracking emotions and mental health by analyzing user diary entries
- Implemented a Sentiment Analysis algorithm using ML and NLP models
- Designed the front-end using React and database using MongoDB to store private user information
- Integrated AWS Lambda cloud functions to handle back-end operations, ensuring scalability and reliability

Messaging App | *Java, Swing Library*

February 2024 – May 2024

- Utilized multi-threading and concurrency to develop a server class which can handle multiple clients
- Implemented Swing libraries to improve accessibility and functionality

EXTRACURRICULARS

CAST Program Chair

The Anvil

January 2024 – Present

- Providing mentorship to emerging entrepreneurs to help develop successful businesses
- Establishing relationships with industry experts to leverage insights and network
- Onboarding teams to the CAST Program to scale projects into businesses by offering investment and mentorship packages

USB Mentor

Computer Science Undergraduate Board

August 2024 - Present

- Mentored 4-5 freshmen pursuing computer science, providing academic guidance and social support to ease their transition into university life
- Organized biweekly events to foster academic collaboration and success for mentees