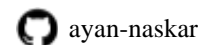




AYAN NASKAR

(91+) 6289693051

ayannaskar5067@gmail.com



PROFILES

- ❖ **LinkedIn:** <https://www.linkedin.com/in/ayan-naskar-liltoeturtle/>
- ❖ **LeetCode (Competitive Profile):** <https://leetcode.com/lilToeTurtle/>
- ❖ **CodeChef:** <https://www.codechef.com/users/liltoeturtle>
- ❖ **Kaggle:** <https://www.kaggle.com/liltoeturtle>

EDUCATION

- ❖ Computer Science Engineering | Neotia Institute of Technology, Management and Science (AICTE approved and MAKAUT Affiliated college) (Up to 7th semester) CGPA: 8.94 | 2020-23
- ❖ XII (ISC) | National Gems Higher Secondary School 91.25% | 2020
- ❖ X (ICSE) | National Gems Higher Secondary School 92.20% | 2018

INTERNSHIP

- ❖ **Dkafka**
 - **Developed a Chatbot using Various LLMs:** Leveraged Gemini, Llama, and Mistral models to create a chatbot, implementing function calling, retrieval-augmented generation (RAG), and an embedding decision tree generated from a JSON file.
 - **Implemented Stock Yield Prediction Strategies:** Implemented backtesting strategies for predicting the best yield of specific stocks.
 - **Automated Database Updates:** Utilized multi-threading to automate database updates with the latest stock data at fixed intervals, ensuring data is always current.
 - **Project Structure and Documentation:** Co-designed the folder structure for AI projects, creating detailed flowcharts and diagrams to streamline development and collaboration.
 - **Developed Testing Frameworks:** Created test cases and a comprehensive testing framework to validate model accuracy and API endpoints using unittest in Python and jest in Node.js.
 - **Built MVC Framework in Node.js:** Developed an MVC framework in TypeScript for handling API requests, integrating end-to-end API endpoints including user prompt processing in Node.js middleware and GenAI Python backend, as well as various CRUD operations.
 - **Set Up Authentication:** Implemented authentication strategies using Passport.js to ensure secure access.
 - **Optimized API Performance:** Developed a cache manager to process frequently accessed API requests, significantly increasing efficiency.

PROJECTS

- ❖ **Medical Image Classification using Deep Learning** (<https://github.com/soumyru/web-apps>) (Python)
Implemented Supervised Learning and Deep Learning algorithms to classify medical images of diseases. Used Flask to make the server.
- ❖ **Type2Quest** (<https://github.com/ayan-naskar/Type2Quest>) (Java, SQL)
A Typing speed testing desktop application using Swing framework. Implemented SQL for efficient storage of user data and scores.
- ❖ **Tree Fractal Generator** (<https://github.com/ayan-naskar/TreeFractalGenerator>) (Java)
Beautiful Randomly Generated Organic looking 2D Trees can be created using this program. Implemented using Queue, and Java Graphics 2D.

ACHIEVEMENTS

- ❖ Secured **344th Rank** in LeetCode Weekly-Contest-365 among 21K participants, solving **all 4** problems in under 57 minutes
- ❖ Secured **1st Rank** in Exabyte Codeplay Coding Competition in St. Xavier's College (Kolkata) among 250+ students
- ❖ Secured **1st Rank** in Parikalpana Coding Competition in N.I.T.M.A.S.
- ❖ Secured **1st Rank** in 'Joy of Computing using Python' course of NPTEL among 3,425 students
- ❖ Secured Global **78th position** in Starters-53 in CodeChef among 16,000 students
- ❖ Got over **2 Lakh Views** in LeetCode Solutions

KEY SKILLS

- ❖ **Languages:** Python, Java, SQL(Oracle), C Language
- ❖ **Technologies:** LLMs, Node.js, Passport.js, Flask.
- ❖ **Position of Responsibility:** Served as a committed core member and volunteer at **Nurture**, a student-founded NGO dedicated to providing essential aid to vulnerable populations during natural disasters.

INTERESTS

Competitive-Programming, Sketching Hyper-Realistic Portraits, Photography