Yelka Koushik

+91 9640319662 | yelkakoushik11@gmail.com | Linkedin | Github

EDUCATION

Institute of Aeronautical Engineering, Hyderabad	Expected graduation-2028
B.Tech Computer Science Engineering	*CGPA: 8.88*

Jawahar Navodaya Vidyalaya, Nalgonda	2022-2024
Intermediate	*Percentage: 85*

Jawahar Navodaya Vidyalaya, Nalgonda	2021-2022
SSC	*Percentage: 83*

TECHNICAL SKILLS

Languages: Python, Java, MySql
Web Development: HTML, CSS, JavaScript
Tools: Git, GitHub, VS Code, IntelliJ IDEA

PROJECTS

Learnistant: An AI Voice Assistant | *(GitHub)* — September 2025

- Architected Learnistant as a next-generation voice assistant, centrally powered by the Gemini API for high-accuracy Advanced NLP and Contextual Problem-Solving, enabling instant, voice-activated guidance for technical concepts.
- Leveraged the Gemini API's capabilities to implement the Adaptive Progress Tracking and Personalized Curriculum logic, dynamically tailoring learning paths and content recommendations to achieve up to 85% knowledge retention.
- Engineered the Knowledge Integration system by prompt-engineering the Gemini model to access and synthesize real-time information from curated educational databases and documentation, ensuring accurate and up-to-date guidance.

Math Mind :Adaptive Math Learning Game | *(GitHub)* — April 2025

- Developed a responsive, multi-page web application using HTML, CSS, and JavaScript, featuring user authentication pages (Login, Signup, Forgot Password) with smooth UI/UX.Implemented an interactive math quiz engine with adaptive difficulty levels, real-time scoring, timer control, and dynamic question generation based on user performance.
- Integrated a leaderboard system using LocalStorage to track and display top player scores, providing gamification and progress motivation. Designed a visually engaging interface with CSS animations, gradient effects, and responsive layouts, enhancing accessibility and learning engagement for users.

CERTIFICATES

NPTEL Certification in Java Programming — October 2025

CODING PROFILES

LeetCode: Solved 70+ problems and 50 Days Badge 2025
HackerRank: Achieved a gold badge in Java and certified java(Basic), sql(Basic)