ARYUSH TRIPATHI

Auraiya, India

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Education

Galgotias University   **2022 - Present**
B. Tech in Computer Science and Engineering   *Gr. Noida, India*

Intermediate (12th)   **2020-2021**
Shri Vinayak Academy   *Jalaun, India — Percentage: 78%*

High School (10th)   **2018-2019**
Shri Vinayak Academy   *Jalaun, India — Percentage: 87%*

Projects

- **Inventory Management System**   *Java, MySQL, Spring Boot*
  Developed an inventory tracking system for businesses. Key features included:

    - User Authentication (Admin, Inventory Manager)
    - Product Management (add, update, delete products)
    - Stock Report Generation

- **Voice Assistant**   *Python, Wikipedia, Speech Recognition*
  Developed a Python-based voice assistant capable of executing user commands. Key features included:

    - Integrated Speech Recognition and Text-to-Speech (TTS) libraries for handling voice inputs and outputs.
    - Supported opening popular websites (YouTube, Google), searching Wikipedia, and setting reminders.
    - Implemented error handling and fallback mechanisms to enhance user experience and reliability.

- **AI Summarizer Chrome Extension**   JavaScript, HTML5, CSS, Gemini API,
  Developed a Chrome extension that leverages Google's Gemini API to summarize web page content. Key features included:

    - Implemented three summary types: **Brief**, **Detailed**, and **Bullet Points**, based on user selection.
    - Integrated a **"Copy Summary"** button for quick clipboard copying of generated summaries.
    - Used **Manifest V3**, Content Scripts, and Chrome Storage API to interact with page DOM and persist preferences.
    - Utilized Gemini Pro model via REST API for real-time natural language summarization.
    - Hosted on GitHub: github.com/aryushtripathi/ai-summariser-extension

Skills

- Profile Links: GitHub, codolio, Leetcode
- Languages: Java, HTML, CSS, JavaScript, SQL
- Frameworks: React js , SpringBoot
- Tools and Technologies: MongoDB, PostgreSQL, AWS, Linux, Git, REST APIs, CI/CD Pipelines

Achievements

- NPTEL Software Engineering - IIT Kharagpur
- NPTEL Compiler Design - IIT Kharagpur
- Database Programming with SQL - Oracle Academy
- Java Programming - Oracle Academy)
- Computer Networks Program — Cisco Academy