

YUVASHREE EZHILVELAN

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SUMMARY

Computer Science Engineering graduate with strong foundations in **Java, SQL, HTML, CSS, SDLC, and testing concepts**. Hands-on experience in designing responsive web pages, developing AI-based applications using **Python, Streamlit, and LangChain**, and writing SQL queries. Passionate about solving real-world problems through technology, improving user experience, and learning modern tools.

EDUCATION

Annai Mira College of Engineering & Technology (Aug 2021 – May 2025)
Bachelor of Engineering – Computer Science Engineering, Vellore

- GPA: **8.5**
- Participated in hackathons and technical events
- Completed major academic projects

INTERNSHIP

Web Development Intern – Grantley Edutech Pvt Ltd (May 2024 – Jul 2024)
Virtual Internship – Remote

- Developed simple responsive layouts using **HTML & CSS**
- Fixed UI alignment and formatting issues

PROJECTS

NutritionExpert AI – Personalized Diet Recommendation System
Tech Stack: Python, Streamlit, SQL, LangChain, Ollama, Pandas

- Implemented BMI and calorie calculation algorithms
- Generated personalized AI-based weekly diet plans and Designed user-friendly forms and interactive charts
- Applied LLM-based reasoning for accurate meal recommendations based on the user inputs

Outcomes:

- Automatically generated accurate weekly diet charts and Reduced manual effort in meal and calorie planning
- Improved user engagement through interactive UI

Intelligent Chatbot using RAG – Hackathon Winner (2024)
Tech: RAG Framework, Embeddings, Vector Search, LLMs

- Built chatbot retrieving relevant documents before answering , Created domain-specific dataset and performed text preprocessing
- Implemented vector-search-based contextual retrieval

Outcomes:

- Reduced wrong answers compared to normal chatbots
- Won **1st Prize** for performance and accuracy

TECHNICAL SKILLS

- **Programming:** Java, SQL
- **Web Technologies:** HTML, CSS
- **Database:** Oracle SQL
- **Testing:** Manual Testing
- **Tools:** VS Code, Eclipse, SQL Plus
- **Concepts:** OOPs, SDLC

CERTIFICATIONS

- Java Programming – Online Course
- Python Bootcamp – Udemy
- SQL Basics Certification