

# RISHIKA SHRINIVAS BILLA

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## ABOUT ME

Enthusiastic Computer Science student specializing in AI & ML, with hands-on experience in Python and web development. Passionate about solving real-world problems through technology and eager to apply and expand my skills in collaborative and challenging environments.

## EDUCATION

### Jyothishmathi Institute of Technology and Science

Bachelor of Technology in Computer Science and Engineering (Artificial Intelligence and Machine Learning)

CGPA: 9.2/10

Nov 2022 - May 2026

### Pavithra Junior College

Intermediate Percentage: 97.4%

2020 - 2022

### SVS English School

High School Percentage: 90%

2019- 2020

## PROJECTS

### [Ayurbot](#)

- Built **Ayurbot**, a personalized Ayurvedic chatbot using **RAG (Retrieval-Augmented Generation)** with Flask and FAISS.
- Extracted and embedded text from 3 Ayurvedic books; implemented semantic search using **Hugging Face embeddings**.
- Integrated **Ollama's Mistral LLM** to generate context-aware responses tailored to user queries.
- Designed a **Dosha Quiz** to identify user body types (Vata, Pitta, Kapha) and deliver personalized remedies via a web UI.

### [Quizify](#)

- Developed Quizify**, a responsive web application offering quizzes on 8 programming languages: Java, Python, HTML, CSS, SQL, JavaScript, C, and C++.
- Designed and implemented** an intuitive user interface using **HTML5**, **CSS3**, and **JavaScript**, ensuring a seamless experience across devices.
- Structured content** into dedicated pages for each programming language, facilitating organized and accessible learning.
- Focused on clean UI/UX** design, ensuring ease of navigation and visually appealing quiz layouts for an engaging user experience.

### [Portfolio](#)

- Built a responsive personal portfolio using **React.js** and **Tailwind CSS** to showcase projects, skills, and experience.
- Integrated animations with **Framer Motion** and smooth scrolling navigation using **react-scroll**.
- Added profile image and links to LinkedIn, GitHub, LeetCode, and HackerRank to highlight online presence.

## TECHNICAL SKILLS

**Programming Languages:** C, Python, SQL, JavaScript, HTML, CSS,

**Frameworks and Libraries:** React.js, TailwindCSS, Bootstrap, Motion, NumPy, Pandas

**Tools and Platforms:** VS Code, Git, GitHub, Canva

## CERTIFICATIONS

- [Problem Solving \(Basic\) - HackerRank](#)
- [Python \(Basic\) - HackerRank](#)
- [CSS \(Basic\) - HackerRank](#)
- [Accenture Data Analytics Job Simulation on Forage](#)

## EXTRACURRICULAR ACHIEVEMENTS

- Completed the **Data Analytics Virtual Experience** Program by Accenture on Forage, gaining hands-on skills in data cleaning, analysis, and business insight generation.
- Achieved 5-star rating in **Python** on **HackerRank**, demonstrating strong problem-solving and coding skills.

## SOFT SKILLS

- Problem Solving
- Adaptability
- Communication Skills
- Time Management
- Continuous Learning
- Attention to Detail