

Sonika Tekumani

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in <https://www.linkedin.com/in/sonika-tekumani/>

🔗 <https://github.com/SonikaTekumani>

Education

J.S.S. Academy of Technical Education

Bachelor of Engineering in Computer Science(AI & ML), CGPA – 8.7

Bangalore, India

2022–2026

Swargarani School

10th ICSE, 85.6%

Bangalore, India

2016–2020

Experience

○ Full-Stack Developer(Trainee)

JAN 2025 – Present

Onebit Consult Private Limited, Bangalore, India

In my role as Full-Stack Developer (Trainee), I gain hands-on experience in both back-end and front-end technologies. I am working with Python for back-end development and integrating MySQL to manage and process data efficiently. In addition, I am exploring CSS and JavaScript to enhance user interfaces and create seamless user experiences. My role also involves understanding and working with APIs for data communication and service integration. Furthermore, I am developing my skills in Core PHP to handle back-end logic and build dynamic web applications. This experience helps me build a strong foundation in full-stack development.

Projects

HealthWise - A Symptom Analysis Chatbot:

- Collaborated in a group project to develop HealthWise, an AI-powered chatbot designed to provide basic medical guidance and symptom analysis.
- Tech Stack: Built using Python (Machine Learning NLP), with a text-to-speech feature for better accessibility. Designed the interface with HTML, CSS, and JavaScript, integrated via Flask.
- Functionality: Implemented decision-tree-based analysis to provide preliminary health advice and potential condition predictions, enhancing accessibility to basic healthcare support.

Travel Recommendation System:

- Developed a Flask-based Travel Recommendation System to suggest cities based on user preferences.
- Tech Stack: Utilized Python with Flask for the backend, and designed the frontend using HTML, CSS, and JavaScript.
- Functionality: The system processes user inputs such as budget, trip duration, and preferred experiences to filter destinations from datasets. It ranks these destinations using a match score to provide personalized recommendations.

Skills

Languages: Python, Java, C, SQL, HTML/CSS, JS

Technologies: Numpy & pandas, KNN, Sci-kit learn, NLTK, TensorFlow, Flask, NLP

Tools: Git, MySQL, VS Code, PyCharm

Soft Skills: Team Leadership, Communication, Problem-Solving, Agile Development, Decision-Making

Certifications

July 30, 2024: SQL-MySQL Complete Master Bootcamp || *Udemy*

Dec 09, 2024: OpenCV for Python Developers || *LinkedinLearning*

Nov 21,2024: Introduction to Network Routing || *LinkedinLearning*