AMULYA K C

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OBJECTIVE

Computer Science undergrad with a strong foundation in data structures, web development and machine learning. Experienced in building full-stack solutions and AI-powered tools with real-world impact. Passionate about problem-solving, product thinking, and social innovation.

EDUCATION

· *Siddaganga Institue of Technology*	2022-present
Pursuing Bachelor of engineering (CSE)	*Tumkur,Karnataka*
· *Sri Chaitanya PU college*	2020-2022
Intermediate - 93.8%	*Tumkur,Karnataka*
· *Sri Chaitanya Techno school*	2020
Class 10	*Tumkur,Karnataka*

PROJECTS

·Spendo- Voice enabled personal expense tracker: *Jan 2025*

Python, HTML, CSS, Django, DRF   []

◦ Spendo is a voice-assisted expense tracker web app that enables users to log expenses using natural language, auto-categorize them, and visualize spending patterns.

◦ Built using Django and Django REST Framework for backend APIs, with HTML/CSS frontend; integrates speech recognition and regex-based parsing for intelligent input handling.

· **HireLens – AI powered resume analyzer:**   *September 2024*

NLP,Sentence-transformers   []

◦ Built an AI powered resume analyzer that uses machine learning and natural language processing to evaluate resumes,extracting and analyzing key information like skills, experience and achievements.

◦ Streamlit web interface-A user friendly web app built with Streamlit allows user to upload their resumes and receive realtime feedback.

·**BreatheEZ-A Pneumonia detection system:**   *June 2024*

Python, CNN, Machine learning   []

◦ Built a deep learning-based pneumonia detection system using CNNs to classify chest X-ray images with high accuracy.

◦ Trained and deployed a custom model for automated diagnosis, improving early detection and reducing diagnostic time.

CERTIFICATIONS

• *Python(Basic)*	*Hackerrank*
• *SQL (Basic)*	*Hackerrank*
• *Advanced DSA*	*Geeksforgeeks*

SKILLS

◦ **Programming Languages:** C/C++, Python

◦ **Libraries & Frameworks:** C++ STL, Pandas, NumPy, Matplotlib

◦ **CS Fundamentals:** Operating Systems, Object-Oriented Programming, Data Structures, Algorithms,DBMS, Basics of Computer Networks.

◦ **Databases:** MySQL, MongoDB.

◦ **Development & Tools:** Git, GitHub, VSCode.

◦ **Web development:** HTML, CSS, Tailwind, Django, Django REST Framework.

◦ **Personal Skills:** Communication, Leadership, Team Management, Strategic Planning, Data Analysis.

EXPERIENCE AND ACTIVITIES

WIE code   *December 2024*

· Secured a Top 10 position in a national-level hackathon.

AI Brewery – Technical Core member.   *December 2024*

· Actively involved in technical strategy, project deployment, and mentoring juniors on AI workdlows and best practices.