

Gavini Shanmukha Pavan Kumar

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SUMMARY

As a student deeply passionate about Artificial Intelligence and Machine Learning, I strive to leverage my technical skills and knowledge to create innovative solutions that drive positive change. I am eager to explore opportunities where I can contribute, learn, and make a meaningful impact.

EDUCATION

Vel Tech University , Chennai B.Tech in Artificial Intelligence and Machine Learning • CGPA: 7.8	<i>Expected 2026</i>
Sri Chaitanya Junior College , Andhra Pradesh Higher Secondary • CGPA: 6.8	<i>2020–2022</i>
KVR HIGH SCHOOL , Guntur, Andhra Pradesh Secondary School Certificate • CGPA: 10.0	<i>2019–2020</i>

TECHNICAL & PERSONAL SKILLS

- **Programming Languages:** Java, Python, SQL.
- **Web Development:** HTML, CSS, JavaScript.
- **Frameworks:** Springboot, Tensorflow.
- **Tools:** Git, Github, VS Code, Google Colab, IntelliJ IDEA.
- **Soft Skills:** Adaptability, Problem Solving, Resilience.
- **Languages Known:** English (Fluent), Hindi (Conversational), Telugu (Native)

PROJECTS

Phishing Detection Using Machine Learning

Tools: Python, Machine Learning, Scikit-learn, Flask, HTML, CSS, JavaScript

- Built a machine learning model to detect phishing websites using URL and domain-based features, improving identification of malicious links.
- Developed a real-time web application with Flask backend for instant phishing prediction and user-friendly result visualization.

Carbon Footprint Calculator

Tools: Html, Css, JavaScript, SQL, Java

- Developed a web-based application using HTML, CSS, JavaScript, and SQL to calculate users' carbon emissions from energy, transport, and lifestyle data.
- Implemented a dynamic calculation algorithm with optimized data processing for real-time carbon footprint analysis and reporting.

CERTIFICATIONS

- Certified in **Java Programming Language** - Infosys Springboard (2024)
- completed **Python Programming Language** - Geeks for Geeks (2024)
- Completed **Database Solutions** Digital Skills Readiness Program - Wipro TalentNext (2025)

ACHIEVEMENTS & ACTIVITIES

- Contributed to Unnat Bharat Abhiyan (UBA) by working with rural community to analyze local problems and propose technology-driven solutions for sanitation, energy, and digital awareness.
- Conducted field surveys, collected real data, and prepared reports for village development planning in collaboration with faculty and local authorities.