VENKATAJALAPATHI S

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Profile Summary

Computer Science student passionate about Full-Stack Development, Data Science, and Software Engineering. Skilled in Python, HTML, CSS, and JavaScript, with hands-on experience building projects like an Image View Gallery, Personal Portfolio Website, Interactive Calculator, and Mini Music Player. Seeking an internship or entry-level role to apply my technical skills, learn from industry experts, and contribute to real-world projects.

Technical skills

Programming language: Python, C, MySQL, HTML, Java
Web Development: HTML, CSS, Javascript, Django
Data Science: Pandas, NumPy, Matplotlib, Seaborn, Pyplot
Tools: GitHub, VS Code, Jupyter Notebook
Others: Data Structures, Algorithms, MS Office

Mini Projects

Personal Portfolio Website   ***GitHub link***
(HTML, CSS, JavaScript)
• *Developed a responsive portfolio showcasing projects and skills*
• *Implemented smooth CSS animations and mobile-first design*
• *Features: Dark/light mode toggle, project filter tabs*

Interactive Calculator   ***GitHub link***
(HTML, CSS, JavaScript)
• *Built a fully functional calculator with keyboard support*
• *Designed clean UI with CSS Grid and Flexbox*
• *Added error handling for invalid expressions*

Image View Gallery   ***GitHub link***
(HTML, CSS, JavaScript)
• *Created an image grid with hover effects and modal popups*
• *Implemented category natural images gallery*
• *Optimized loading with lazy-loading techniques*

Mini Music Player   ***GitHub link***
(HTML, CSS, JavaScript)
• *Developed a UI music player with play/pause and track selection*
• *Designed waveform visualization using CSS animations*
• *Added responsive controls for mobile devices*

Publications

*Presented research on "AI Ethics: Privacy, Bias & Governance Challenges" at **ICCII-2025**(International Conference),Velammal Institute of Technology /ISBN: 978-81-967851-2-3*

Education

Bachelor of engineering in Computer Science And Engineering
RP Sarathy Institute of Technology, Salem   present 2023-27
Higher secondary education
Government Higher secondary school ,KRP Dam- Krishnagiri   2021-23

Certifications

• Programming: C, Java, Python, SOL
• Emerging Tech: Generative AI Fundamentals, Data Science, AWS Developer, Cloud Computing , Operating system
• Professional Skills: Digital Marketing, Microsoft Search, Resume building , Intellectual property

Achievements

• **ISTE Best Student Award 2025** - Recognized for excellence in academics & leadership at Adhiyaman Engineering College- Hosur