

K.L.V Sumanth

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Summary

Full Stack Web Developer with expertise in both front-end and back-end development. Passionate about building scalable systems, experimenting with machine learning, and exploring modern UI/3D interfaces. Strong foundation in Data Structures and Algorithms, problem-solving, and backend engineering. Also interested in AI/LLMs, and personal fitness.

I don't look for value in the market; I believe in forging it from the ground up. My approach is rooted in a refusal to conform and a drive to see beyond the ordinary. My work is built on a refusal to fit in. I believe true innovation comes from standing against the odds and challenging the status quo, not from following it. Instead of chasing existing markets, I am driven to create undeniable value where others see none. It's about maintaining the conviction to see beyond the ordinary and the audacity to build what's next.

Projects

Fake Currency Detection using CNN (Major Project)

- Designed an interactive web interface using HTML and CSS.
- Implemented backend in Python to process and classify images using CNN.
- Built end-to-end pipeline for detecting counterfeit currency.
- Developed automated system to distinguish genuine vs. fake notes with CNN.
- Trained CNN model with preprocessing (grayscale, resizing, noise reduction).
- Achieved reliable classification improving security and reducing manual checks.
- Strengthened skills in Computer Vision, Deep Learning, and Full Stack Integration.

Morse Code Translator (Python)

- Developed a Python tool that converts English text into Morse code and vice versa.
- Implemented a simple UI for user interaction.

Technical Skills

Programming Languages: C++, Java, Python

Data Structures & Algorithms: Sorting, Searching, Recursion, Dynamic Programming (DP), Graphs, Problem-solving

About Me

- Exploring advanced UI with 3D avatars, voice integration, and immersive web experiences.
- Passionate about personal fitness, weight optimization, and health.
- Passionate about problem-solving and DSA (Dynamic Programming, Graphs, Recursion).
- Strong interest in cloud computing and DevOps (RunPod, AWS, Docker-based deployments).
- Curious learner — constantly experimenting with new technologies, frameworks, and AI tools.
- Believer in building solutions that are not only functional but also impactful and user-friendly.
 - Entrepreneurial mindset — focus on creating value from scratch rather than following existing markets.
 - Proactive problem-solver — thrive in ambiguous situations and enjoy finding creative, scalable solutions.
 - Adaptable and resilient — comfortable working in fast-paced environments and learning new technologies quickly.

- Collaborative and communicative — enjoy knowledge sharing, mentoring peers, and contributing to team growth.
- Strong sense of ownership — take responsibility for end-to-end development, from design to deployment.
- Vision-driven — motivated to build impactful technology that challenges the status quo and pushes boundaries.