S Shiva Kumar

+91 8688173735
DOB : 06 Jun, 2004
shivakumarsomineni666@gmail.com

OBJECTIVE

- Enthusiastic and dedicated Computer Science student passionate about robotics, AI, and full-stack development, with a keen interest in conducting hands-on training and sharing technical knowledge through real-world engagement.

PROJECTS

DefexVision - AI-Powered Defect Detection
Python — YOLOv8 — OpenCV   *2025.02-Present*
- **Goal:** Detect surface defects in manufactured products using computer vision.
- Built a custom object detection model using YOLOv8 trained on defective product images.
- Preprocessed and annotated datasets, implemented real-time detection via OpenCV.
- Designed a user-friendly interface and tested the model for robustness and speed.
- Applied real-time defect detection techniques and prepared demo workflows suitable for hands-on sessions and technical workshops.

Velvafashions - Print-on-Demand E-Commerce
HTML — CSS — JavaScript   *2025.03-Present*
- Created a professional POD fashion website at `velvafashions.kesug.com`.
- Integrated product listings, order placement, and basic admin control panel.
- Used Canva and AI tools for product mockups, banners, and branding assets.

PDF to Audio Converter
Python — FastAPI   *2024.01-2024.07*
- Built a Python app that converts PDF text into audio using `pyttsx3` and `PyPDF2`.
- Added features like voice type and reading speed control.

SKILLS

Programming
- **Languages** - Python, C, Java
- **Technologies** - YOLOv8, OpenCV, SQL, HTML, CSS, JavaScript
- **Tools** - FastAPI, Windows, Canva, Git

General
- **Languages** - English, Hindi, Telugu
- **Soft Skills** - Public Speaking, Content Creation, Team Collaboration, Teaching,Willingness to Travel for Training Engagements

EDUCATION

- **B.Tech (Computer Science and Engineering) — JNTU**, Rajanna Sircilla   *2022–26*
  CGPA: 7.5 (as of present)
- **Intermediate (MPC) — SR Prime Campus**, Karimnagar   *2020–22*
  Marks: 903/1000
- **SSC — Vaniniketan High School**, Karimnagar   *2019–20*
  CGPA: 10.0

LINKS

- HackerRank: @shivakumarsomin1
- GitHub: shiva-kumar-1
- LinkedIn: shiva-kumar-somineni
- Email: shivakumarsomineni666@gmail.com