

YESHWANDH J S

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Career Objective

Aspiring Computer Engineering graduate with strong foundational knowledge in **Python programming**, and a keen interest in **software development, automation, and backend systems**. Hands-on exposure **web-development** using **Django**, basic **AI/ML concepts**, and **database integration**. A quick learner, dedicated team player, and passionate about applying technical skills to solve real-world problems and contribute to innovative projects.

Technical Skills

- **Languages:** Python, SQL, JavaScript, HTML/CSS, PHP.
- **Frameworks:** Django, Flask.
- **Backend Concepts:** ORM (Django ORM).
- **Libraries:** NumPy, Pandas, TensorFlow, OpenCV, scikit-learn.
- **Tools:** Git, GitHub, Linux, VS Code, Thonny, PyCharm.
- **Database:** MySQL, SQLite, PostgreSQL.

Education

K. S. Rangasamy Institute of Technology

Diploma in Computer Engineering (2023 – 2026)

CGPA: 9.8 / 10.0

Govt Hr. Sec. School, R. Pudupplayam

SSLC (2022 – 2023)

Percentage: 77.6

Professional experience

AI/ML Intern

Novi-Tech Solution Pvt Ltd – Apr 2025

- Assisted in **AI model development** using Python, scikit-learn, and Pandas.
- Collaborated with backend developers to integrate ML outputs into web systems.
- Participated in team meetings and sprint planning using Agile methods.

Projects

Blood Bank Management System – (Python, SQL, JavaScript, HTML/CSS,)

- Designed a **full-stack system** for managing blood donor data and emergency requests.
- Integrated **CRUD functionalities** and optimized **database queries**.
- Automated registration and inventory tracking, reducing manual errors.

AutoClaimAI – (End-to-End Vehicle Damage Detection and Claim Automation.)

- Developed a **full-stack AI web app** for automated vehicle damage assessment and insurance claim processing, deployed on Render with real-time usage.
- Integrated **YOLOv5 & DenseNet121** for object-level damage detection and severity classification, with SHAP-based explainability and duplicate detection via Image Hash.
- Built a **Flask API backend with PostgreSQL** supporting user authentication, accurate AI predictions, and claim logging, significantly reducing manual verification time

Certifications

- **Artificial Intelligence** – Novi-Tech
- **Academic Excellence Award** – K. S. R. Institute (2025)