

Santhosh L

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LinkedIn

GitHub



EDUCATION

SSN College of Engineering

B.Tech. in Information Technology, CGPA: 8.414

Chennai, India

Aug. 2023 – Present

Pushpalata Matriculation Higher Secondary School

11th & 12th grade: 567/600 (94.5%) in TNCERT public exams

Tirunelveli, Tamil Nadu

June 2021 – March 2023

TECHNICAL SKILLS

Languages: Python, C++, Oracle SQL

Frameworks: Flask, Django

Developer Tools: Git, Google Colab, VS Code

Libraries: OpenCV, NumPy, Pandas, Matplotlib

PROJECTS

AI-Based Online Exam Proctoring System [GitHub](#)

Feb. 2024 – Present

- **Tech Stack:** Python, Flask, React, OpenCV, MediaPipe, DeepFace, SQLAlchemy, Bootstrap
- Built a college-funded AI-based exam proctoring system (**Rs.28,000 grant**).
- Implemented facial recognition, gaze tracking, and voice monitoring using OpenCV and LSTM.

NeoCareer – Career Guidance Web App [GitHub](#)

Jul. 2025 – Present

- **Tech Stack:** Django, MongoDB, HTML, CSS, PyMongo, Django
- Built a platform to generate personalized career roadmaps using student academic profiles.
- Implemented authentication, session handling, and MongoDB backend integration.

Bridge Card Game Web App [GitHub](#)

Nov. 2023 – Dec. 2023

- **Tech Stack:** Python, Flask, JavaScript, Bootstrap, Red-Black Tree, heapq
- Built a multiplayer bridge card game with Red-Black Tree-based logic and heap for shuffling.
- Integrated Flask-based authentication and leaderboard functionality.

Employee Management System [GitHub](#)

Oct. 2023

- **Tech Stack:** Flask, SQLite, Python, HTML, CSS, Bootstrap, Jinja2
- Developed a role-based employee tracking app with secure login and task management features.
- Implemented key design patterns such as DAO, Factory, and Service Layer.

CERTIFICATIONS

- Ethical Hacking – IIT Kharagpur Sept. 2024
- IoT Prototyping Workshop – NIT Puducherry Feb. 22, 2025
- Google Cloud – Transformer Models and BERT (Simplilearn) Jan. 2025

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- Won a cash prize of Rs.1500 for speech in NCC Save Nature event.
- Demonstrated strong leadership and public speaking through school and college forums.